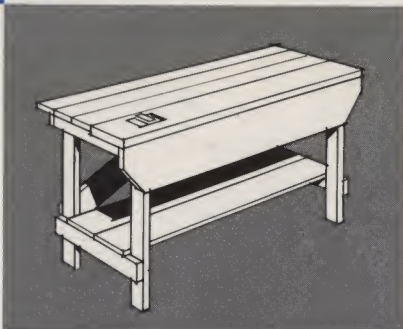
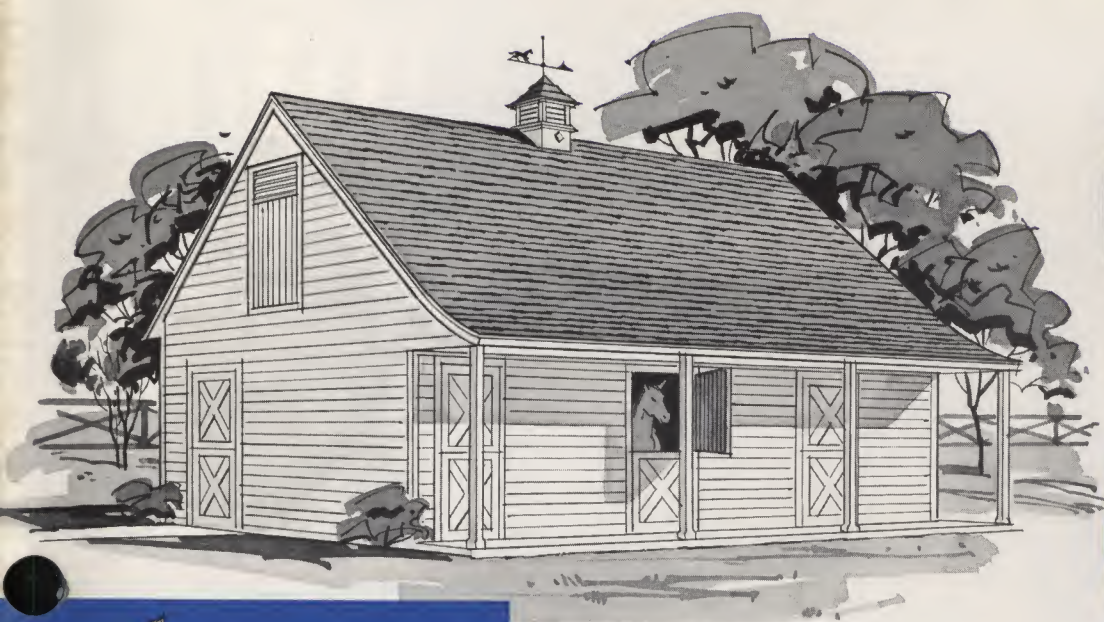


# Utility Buildings

## AND EQUIPMENT



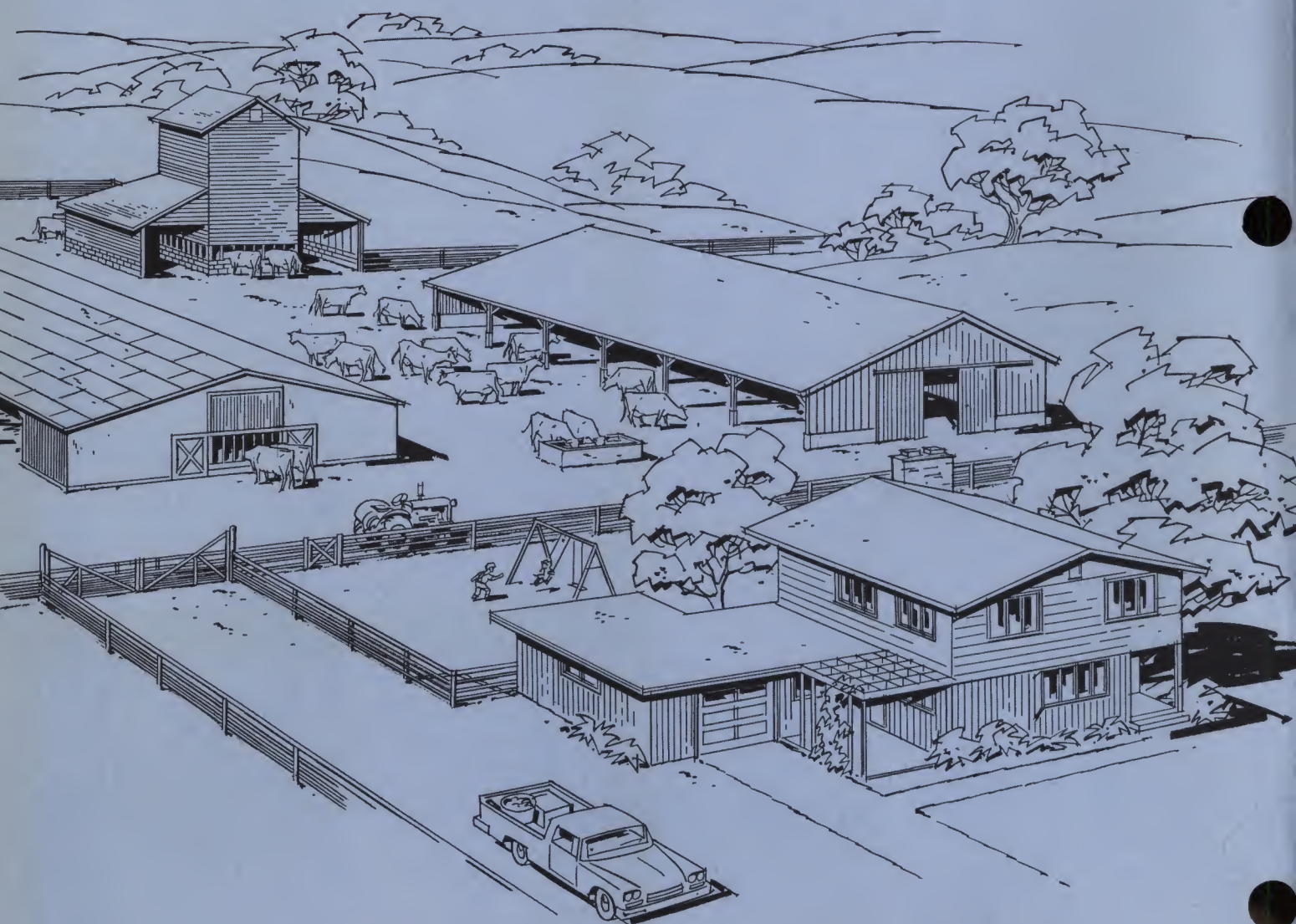


**ENGINEERED BY**



**Weyerhaeuser**

**Utility**



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● Weyerhaeuser 4-Square Farm Designs are especially developed (1) to meet today's farming needs; (2) for proper and profitable housing of livestock; (3) to provide structural stability and exceptional durability; and (4) to take maximum advantage of the fact that lumber produced in Weyerhaeuser sawmills is manufactured in uniform lengths and sizes, with ends and edges already squared, which eliminates needless sawing, fitting, and material waste. In planning any new farm building, you'll find a Weyerhaeuser 4-Square Farm Design gives you unmatched advantages in design, durability, adaptability, economy and simplicity of construction—as well as in appearance.

# Buildings and Equipment

**THESE TAILOR-MADE DESIGNS MEET  
THE NEEDS OF TODAY—AND TOMORROW!**

No matter how efficient and mechanized farm operations become, the true farmer who loves his land and his work will never look at farming as a "mass production factory". Here in this book are Weyerhaeuser Farm Designs for the kind of buildings and equipment—from greenhouses to bridges—that keep farming a way of life rather than just a job. There are many workshop plans . . . many handy household items that help lighten the farm wife's work . . . post-free buildings in various sizes to house special projects or hobbies. Practically every plan represents a good 4-H or FFA project: a project that will help youngsters perfect their basic carpentry skills and at the same time result in something that is lastingly useful—a real addition to the farm.

The utility buildings, in every case, are carefully engineered to give year after year of service. They are structurally sound, able to withstand severe storms . . . and they are easily adapted to a wide variety of uses so that your investment in them is well protected. If you need extra space right now, why not map out your present farm buildings on a piece of graph paper and see how conveniently a new multi-use utility building will fit in.

● *Plans, specifications, and material lists for these and many other farm buildings available at your lumber dealer . . .*

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### EQUIPMENT

Feeding Trough for Sheep—Portable Hay and Grain Rack for Sheep—Chopped Hay Rack for Sheep—Self-Closing Gate—Saddle Cleaning Rack—A-Type Hurdle Etc.

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**SEE YOUR**



**Weyerhaeuser  
4-SQUARE  
LUMBER DEALER**

**For Plans and Material Lists**

Your local Weyerhaeuser 4-Square Lumber Dealer will be glad to go over blueprints and material lists with you, answer any questions you may have, and help you plan a building program that will fit in with your farm operation.

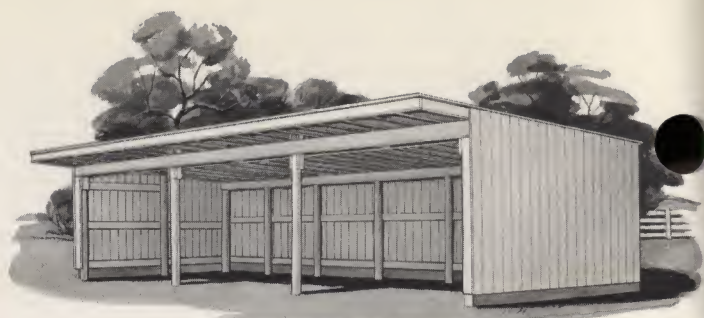




## NO. 1501 Sheep Barn

Size: 32' x 42'

● Ample pen space for a flock of 60 sheep as well as storage for a season's supply of hay, bedding and grain are provided by this practical, well-planned sheep barn. Hay and grain are stored conveniently near the feeding racks. The baled hay and bedding storage is along the north wall to help insulate the barn. Floor of easy-to-clean concrete also provides rat protection. Eight windows give plenty of natural light. The pen area is equipped with a large accordion door that will accommodate mechanical equipment for storing and cleaning. Feeding racks and fences can be removed providing a free floor area.



## NO. 3216 Pole-Type Shelter

Size: 16' x 48'

Length variable in 16' units

● An easily erected, low-cost shelter that can be used for many purposes. It will house up to 50 sheep, 35 beef cattle or 20 dairy cows . . . protect 35 tons of baled hay or straw . . . or provide 960 square feet of machinery storage. The open interior allows for the use of mechanical equipment for cleaning. Roof extends 4' at open side to provide a 20' x 48' covered area. This building is easily adaptable to sloping sites. All lumber and poles in or at the ground line should be treated to assure long life. Easy-to-read, three-dimensional plans assure better, faster erection.



## NO. 1201 Two-Stall Stable

Size: 24' x 30'

● The stalls in this roomy stable are generous in size with earth floors for comfort and warmth. There is plenty of locker space and the big carriage room can also serve as a storage or work area. Ample feed and hay storage space in the loft. Dutch doors provide light and ventilation and add to the handsome appearance of this stable. Wide overhang protects entrances. Tight walls, windows and doors prevent drafts. Smooth interior walls reduce injuries to horses. Unique wall construction discourages rodents. Stall doors slide on tracks. This stable can be expanded for additional stalls if desired.



## NO. 1202 Four-Stall Stable

Size: 32' x 36'

● Thorough field research has provided up-to-date design information for this four stall stable and also two stall stable No. 1201. The low-pitch roof blends with modern ranch house design. High end-wall windows, vertical siding, and wide roof overhangs along both sides give this stable a streamlined appearance. Contains four roomy stalls, generous ground floor feed and grain storage, built-in lockers, carriage rooms, and convenient center drive. This is an excellent stable, durably constructed with complete facilities for the convenient sheltering of your horses.





## NO. 3210

### One-Lane Farm Bridge

Can be built in variable lengths

● This bridge has been correctly engineered for loadings from two to five tons and for spans from ten to twenty feet. Drawings give complete details on stringer sizes and spacings for various loads and span lengths. A table gives size of footings for ordinary soil conditions. Framing anchors provide maximum stability. Pressure-treated lumber specified for planking and sill. Butt-treated cedar poles set in concrete footings. Holes can be made with ordinary post hole diggers. Optional wood footings are shown on construction drawings.



## NO. 3215

### Foot Bridge

Span: 30'

Width: 3'

● Designed for a loading of 35 pounds per square foot over its entire area, this bridge can be constructed over any gully up to 30 feet wide. It is strongly braced to take wind loads. Hinged cattle guards at each end prevent cattle from assembling on bridge. Bolted trusses of yard lumber are the main support, with web members and upper cord of truss serving as rails. All necessary lumber and hardware are available locally. The clear, easy-to-read drawings make construction a relatively easy job.

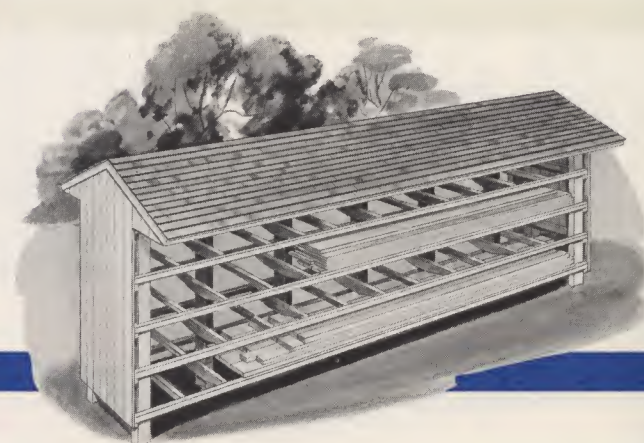


## NO. 4101

### Bunkhouse for Seasonal Labor

Size: 12' x 20'

● A bunkhouse like this solves the problem of where to house workers hired by the season. It is designed for use where washing and plumbing facilities are in a separate building. This sturdy structure is economical to build and easy to maintain. It is strongly braced and skid-mounted so that it can be moved to any location on the farm. There is plenty of height from floor to ceiling to provide clearance for three bunks. It offers adequate sleeping space for a number of men. Windows on 2 sides give the needed ventilation for comfortable sleeping.



## NO. 3217

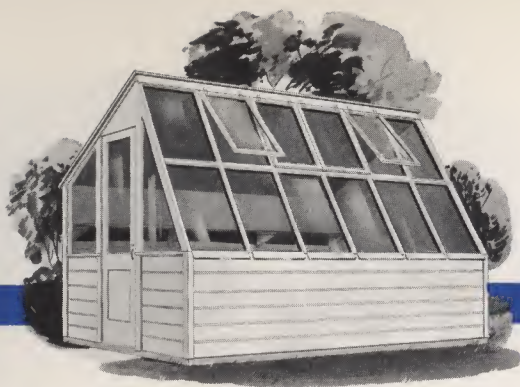
### Lumber Storage Shed

Size: 4' x 24'

2' roof overhang gives covered area 8' x 24'

● Many items for building and repair work on the farm can be stored in this simple, well-built lumber storage shed. This structure will provide dependable and economical storage for all lumber, pipe, rod, etc. Pressure-treated posts set in ground support the storage racks and anchor the shed against winds. Storage racks are securely bolted to posts. Horizontal racks, supported only on center post, make it easy to store or remove material from either open side. Easy to construct, this shed provides a convenient time-saving method of storage.





## NO. 3601 Insulated Greenhouse

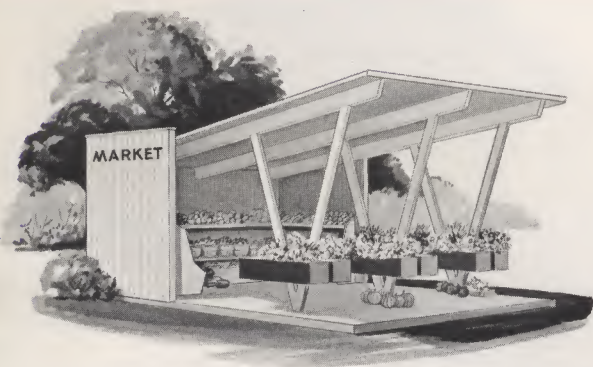
Size: 8' x 12'

● Here is a building that many farmers and farm wives have needed. This insulated greenhouse will eliminate makeshift arrangements and provide an ideal place for year-round plant growth. Careful attention has been paid to correct insulation in this design to prevent heat loss. The heating system may be a fan air heater and soil-heating cables. The unusual shape confines the glass area exposures to the south, east and west sides. The south glass area gains maximum benefit from the rays of the winter sun.



## NO. 3602 Market Stand

● This attractive market stand is planned to increase business and make it easier to handle and display your produce. It has been designed so it can be used for the storage of farm crops or equipment during the off-selling season. The entire stand is built on skids for convenient moving. The display racks are constructed so they can be quickly taken down. This building affords true economy because of its multiple use.



## NO. 3604 Market Stand

● Roadside selling can be easier and more profitable with an attractive market stand like this. Simple plank and beam construction is featured. This attractive modern design has great eye appeal. Because of its open construction, all products displayed are clearly visible. The stand can be quickly and easily closed by the use of folding panels. Blueprints show how to build the attractive and unique outside display boxes.



## NO. 3603 Market Stand

● Many farmers have found that this roadside selling stand is an excellent means of increasing their profits. It has a display rack that can be rolled into the building when it is not in use, and it does not have to be unloaded. The large overhang gives protection to products that may be displayed outside. There are many display shelves and a convenient working counter inside the stand. The sign on the pylon can be seen when approached from either side.





## One Story Arched Roof

# UTILITY BUILDING

**Size: 34' x 60'**

**Length can be varied in 10' units**

● This spacious structure is designed for efficiency and can be easily adapted for many different uses from season to season. The building, with its post-free interior, provides a lot of space at low cost and serves many purposes. Factory fabricated, precision-built round top rafters are specified. Engineered



**NO. 3213**

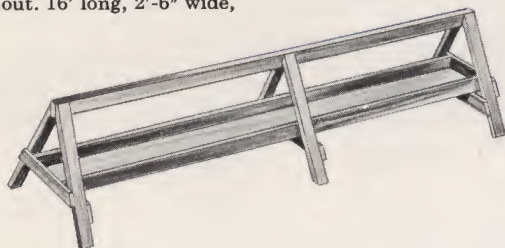
for durability, this structure can support heavy snow loads. A simple framing system and the use of standard lumber items help keep building costs low. Plans show arrangement for use as Dairy Barn, Machinery Shed, Cattle Shed, and Poultry House. Economical, soundly constructed, and serviceable.



# EQUIPMENT ITEMS

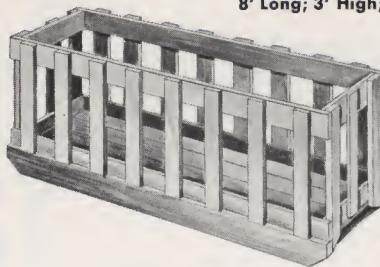
## S-1501 FEEDING TROUGH FOR SHEEP

This 16' sheep feed trough is hard to tip. The guard rail across the top keeps the sheep out of the trough and prevents their jumping over it. Can be used inside or out. 16' long, 2'-6" wide, 2'-9" high.



## S-1505 PORTABLE HAY AND GRAIN RACK FOR SHEEP

8' Long; 3' High; 2' Wide



This wood rack is specially designed for feeding hay, grain and ensilage separately—or all three at one time. Sheep or lambs can keep their heads inside while feeding, thus reducing feed waste. Spaced openings prevent sheep from getting into the feeder, yet avoid damaging the fleece.

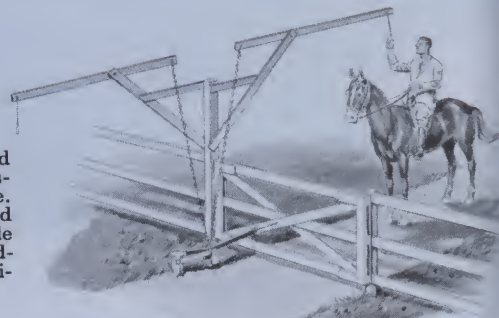
## S-1506 CHOPPED-HAY RACK FOR SHEEP



With ordinary hand wood-working tools and standard items of lumber, you can build this self-feeding hay bunk. Large capacity reduces servicing time. Hinged sides permit easy cleaning. Bolted construction is specified for greater strength.

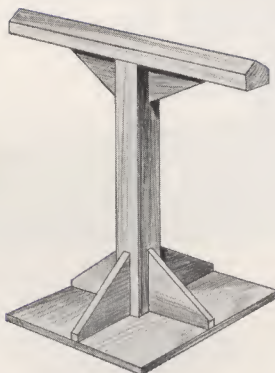
## S-1201 SELF-CLOSING GATE

This gate can be opened and closed without dismounting from a horse. Easy to build with standard lumber items and simple hardware. Farm-built hardware closes gate automatically.



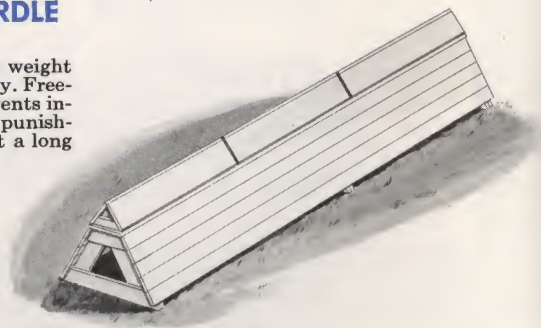
## S-1203 SADDLE CLEANING RACK

This rack makes saddle cleaning easier because it is just the right height. Saves time and effort and is simple to construct.



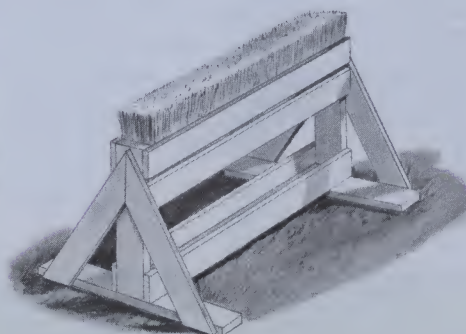
## S-1207 A-TYPE HURDLE

Solid but light in weight for easy portability. Free-standing top prevents injury. Takes lots of punishment and will last a long time.



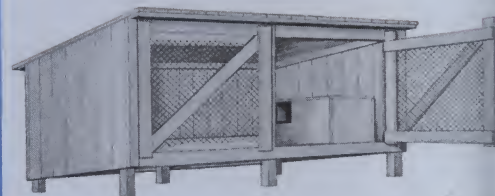
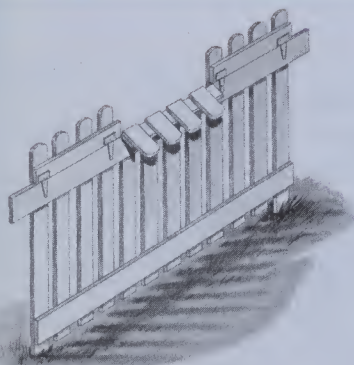
## S-1209 RANGE HURDLE

Strong bracing makes this hurdle a rugged one, yet light enough to be moved easily. Will withstand hard usage.



## S-1208 PICKET-TYPE HURDLE

Hinged top flips over easily to prevent accidents. Can be built quickly, at low cost. Ideal for any horseman who requires a sturdy, long lasting hurdle.



## S-1601 STANDARD RABBIT HUTCH

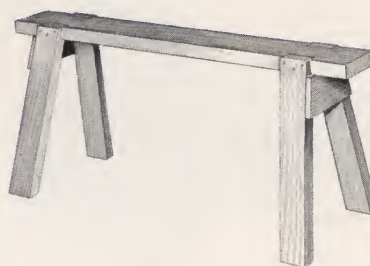
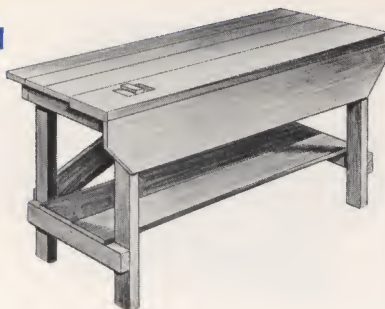
Rabbit raising is easy in a hutch of this type. Sloping wood and wire mesh floor provides sanitation. Wire mesh doors. Can be built in tiers. 5' long, 2' wide.



# EQUIPMENT ITEMS

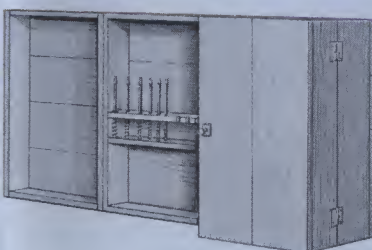
## S-3201 WORK BENCH

A strong, well-braced work bench that is easy to build. Economical top of 2" plank and 1" boards. Storage shelf is provided and planing block indicated. Plans show a 6-foot bench, can be made longer if desired. 2'-4" wide, 2'-10" high.



## S-3208 SAW HORSE

The sturdy, well-braced saw horse is an easy type to build. These are made in pairs and nested together for storage.



## S-3209 TOOL CABINET

Simple, easy-to-build design uses standard lumber items. Can be hung on large screw hooks at upper edge or by metal strip attached to the back. The cabinet shown is 36" x 38" in size, can also be built in several other sizes.

## S-3235 PORTABLE TOOL RACK

Here is an equipment item designed for orderly storage of tools on panel sides. Tools can easily be moved to work location. The base can also be used as a dolly for moving heavy objects. Another easy-to-build item.

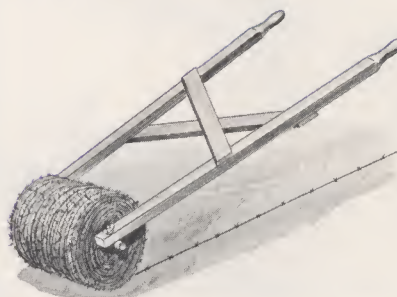


## S-3236 AXE AND HATCHET CASE

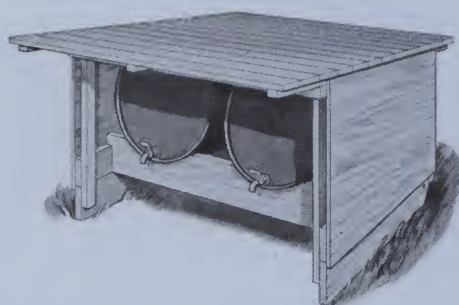
The safe storage of sharp tools is good farm practice. This case serves to isolate cutting tools from children, thus preventing accidents . . . at the same time it protects the tools from damage. Simple to build.



## S-3240 FENCE REEL



An excellent tool for the safe and efficient field-handling of barbed wire. Light and easy to handle, it is a favorite time and labor saver. A minimum of materials is used in the construction of this sturdy, useful item.

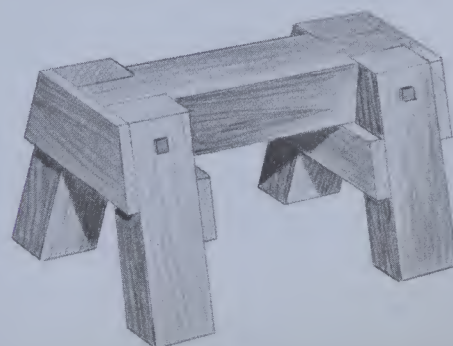


## S-3242 OIL STORAGE SHED

This shed tilts tanks to prevent sludge forming in spigots. It provides convenient access to oil in winter and summer . . . protecting it from heat, snow and ice.

## S-3243 PONY-SIZE SAWHORSE

A smaller sawhorse of unusually sturdy construction . . . designed to support heavy equipment. This is a handy item to have around since it releases jacks for other uses. Easily portable.



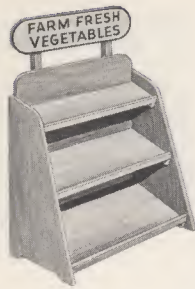


# EQUIPMENT ITEMS

**S-3233**

## FARM PRODUCE STAND

Display your farm produce on this sturdy and compact stand. The varying shelf widths permit tempting displays. Easy to build from durable exterior type Douglas Fir Plywood. Hinged construction permits folding for storage.



**S-3234**

## PRODUCTS-FOR-SALE SIGN

This attractive road side sign is designed for those who sell farm products to motorists. Its neat, inviting appearance inspires confidence. The individual product signs are removable for seasonal selling. Easy and inexpensive to build.



**S-3220**

## SACKING FUNNEL

This handy item enables one man to fill sacks, thus saving time and labor. The funnel is easily attached to the wall, and can be readily moved from place to place for most convenience. Wire hooks hold sack.

**S-3217**

## FLARE TYPE WAGON BOX

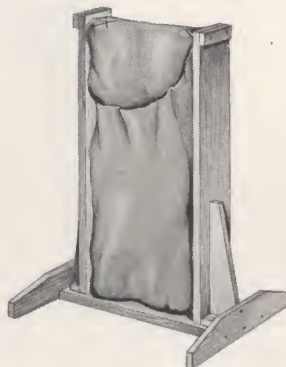
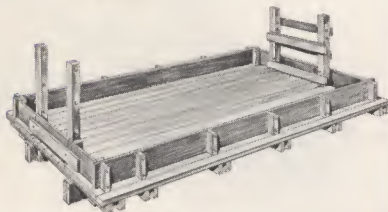
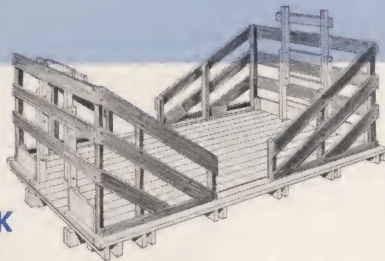
Strong and well-braced, this box is designed to do a lot of jobs. Empties quickly through an end plate at bottom of box. Built of standard lumber items and easy-to-make hardware. 4'-5" wide, 11' long, 2'-10" deep.



**S-3218**

## COMBINATION HAY RACK AND WAGON BOX

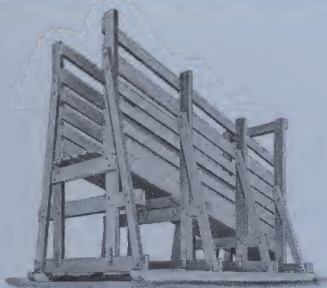
In a matter of minutes this wagon bed can be changed from flat bed to a grain box or to a hay and bundle rack. Box is low making it easy to load and unload. Capacity is 70 bushels. Grain box is 12" deep, 7'-6" wide, 14' long.



**S-3206**

## SACK HOLDER

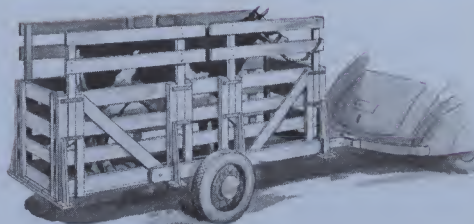
A time and labor saver for holding sacks while filling. This frame can be built quickly from standard lumber items. Strong bracing adds strength.



**S-3241**

## ADJUSTABLE LOADING CHUTE

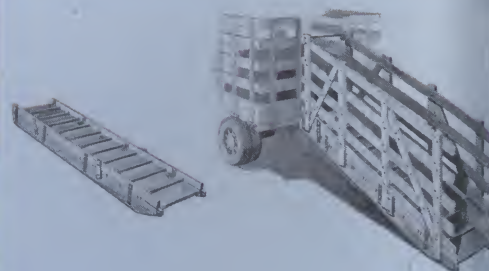
Here is an item that will reduce injuries to livestock and protect you against shipping losses. Easily moved to truck or lot. Ramp approach hinges down to prevent stumbling. Hinged floor permits height adjustment.



**S-3210**

## COMBINATION TRAILER AND LOADING CHUTE

A great time saver for livestock farmers. Easy to build. Can be mounted on an ordinary automobile front axle assembly. Sides can be raised or lowered. End gates are easy to put in place. 12' long, 2'-10" inside width.



**S-1112**

## SECTIONAL LOADING CHUTE

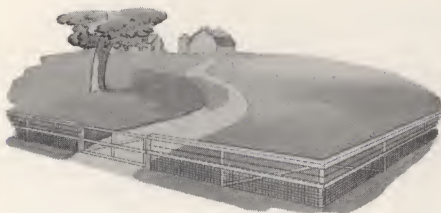
A lightweight, strongly braced chute that is easy to take apart and put together. Sides are removable and nest compactly with the bottom for easy loading on a truck. Skid-mounted. 12' long, 2'-6" wide; 5' high.



# EQUIPMENT ITEMS

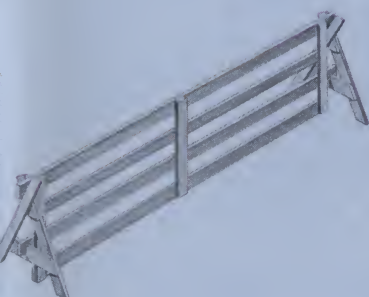
## S-3207 FARM YARD FENCE

A sturdy farm yard fence that is practical and attractive. Ordinary wire mesh is attached to the posts to a height of 26". The posts are 4 x 4 rails and 1 x 6 top with a single strand of barbed wire between the rails completes the material required.



## S-3222 DOUBLE LEAF GATE

Here is a gate that is engineered to give long service. Members are bolted and diagonally braced to keep ends from dragging on the ground. Gives clearance for the largest pieces of machinery. Size of leaf is 10'-0" x 4'-5".

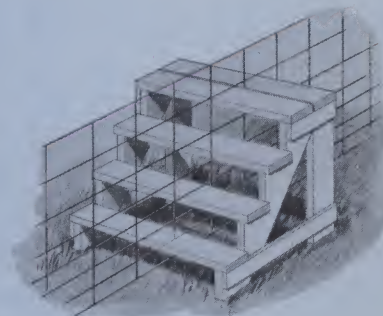


## S-3228 PORTABLE FENCE

These portable fence units permit you to enclose irregular-shaped plots, or to fence off an area temporarily. They are easy to build . . . easily moved.

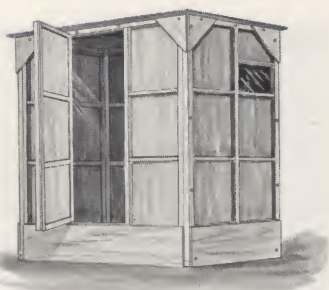
## S-3230 STEP-OVER STILE

Simple to build and very sturdy, this stile can be placed in any fence. May be built to any height desired. Has 2" x 6" treads in 36" width. Easy-to-read plans.



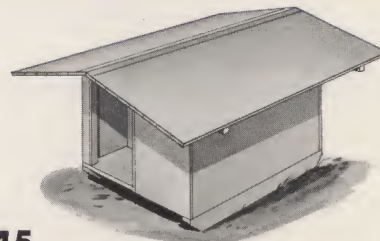
## S-3244 ICE FISHING SHELTER

This 4' x 6' shelter is designed for the winter fisherman who wants a shelter that can be dismantled easily. Framework bolts together. Paper-covered wall panels are windproof and light weight for easy carrying.



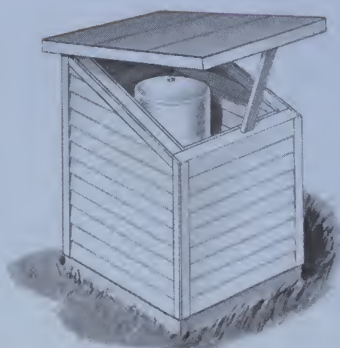
## S-3245 DOG KENNEL

This insulated kennel has an inside baffle to stop winter drafts. Roof projects to provide shade and coolness in summer. Hinged walls make cleaning easy, help ventilation. 2 x 4 skids make kennel easy to move. All walls cut from 4' x 7' piece of exterior plywood. Dimensions: 3'-8" x 2'-10".



## S-3239 INSULATED PUMP HOUSE

Every farm water supply system should have the protection of an insulated pump house. This simple, inexpensive design provides trouble-free protection. Floor drains assure minimum moisture.

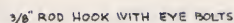


## S-3246 LADDER

Here's a sturdy safe ladder for all-around use on the farm. Strong rails are made of select, structural Douglas Fir. Notches for steps provide added safety feature. Plans for 10', 12', 14' and 16' lengths are shown.

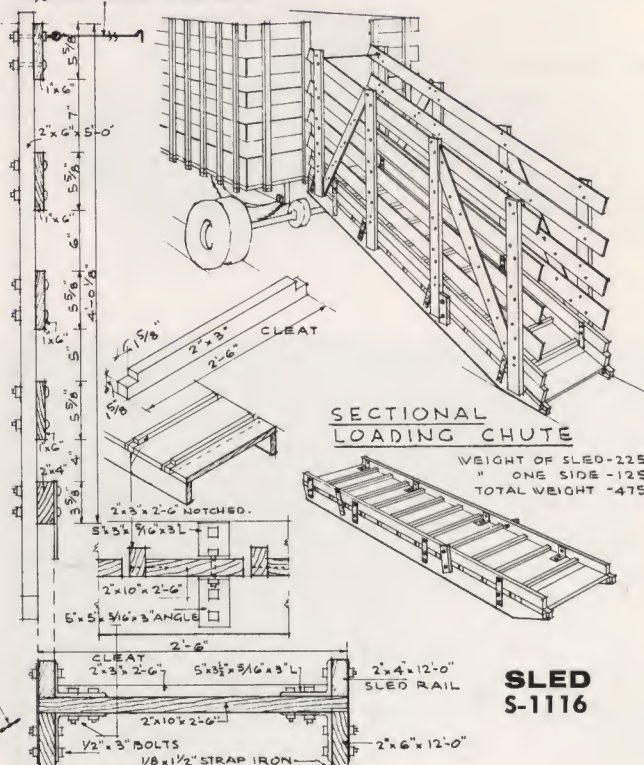




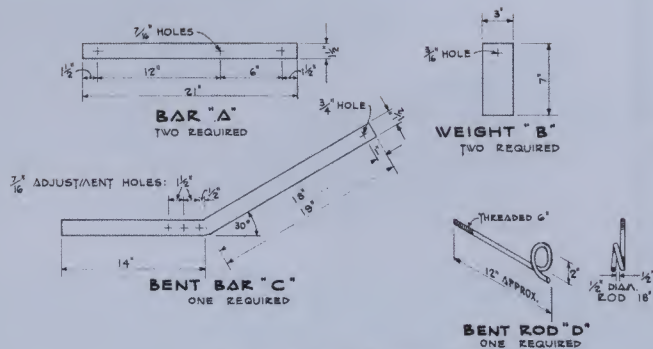


SECTIONAL  
LOADING CHUTE

**SLED**  
**S-1116**

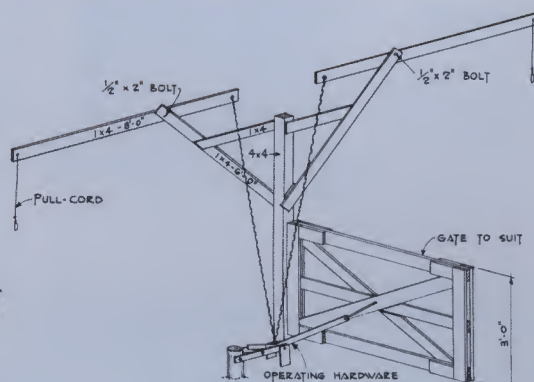


CROSS SECTION

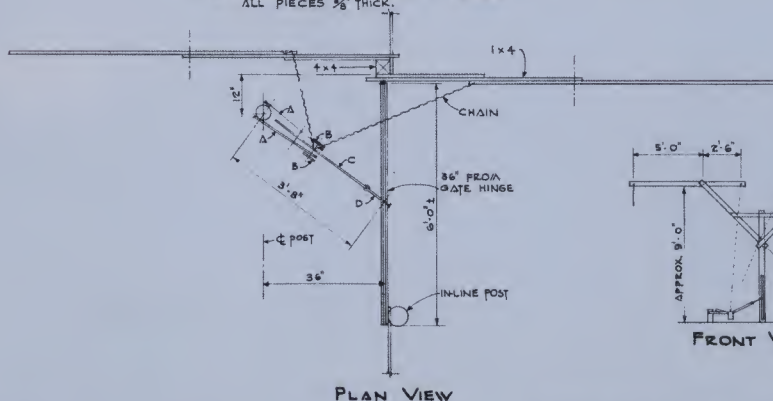


### DETAILS OF STEEL PIECES

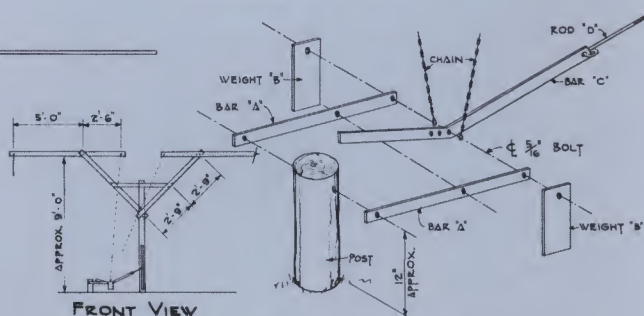
ALL PIECES  $\frac{3}{8}$ " THICK.



ASSEMBLED VIEW



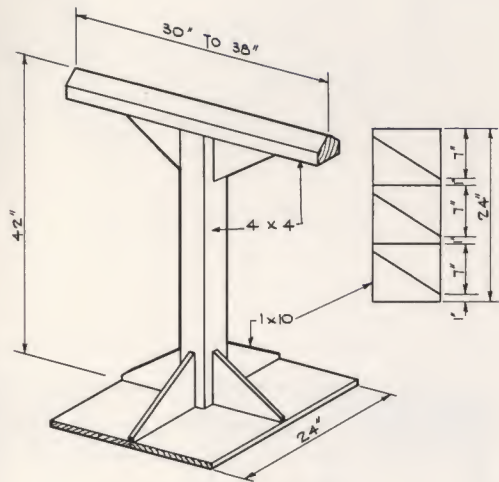
PLAN VIEW



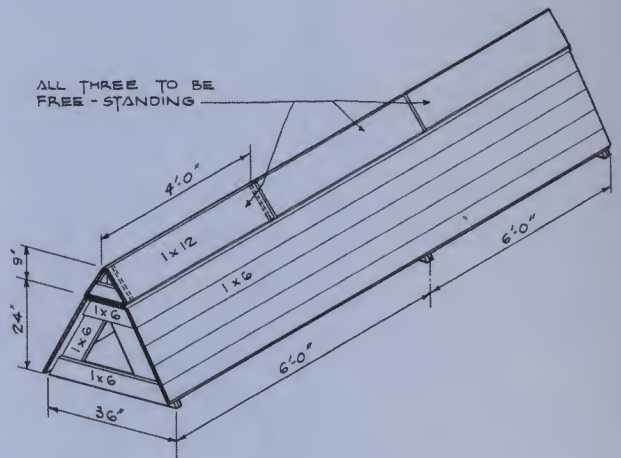
## "EXPLODED" VIEW OF HARDWARE



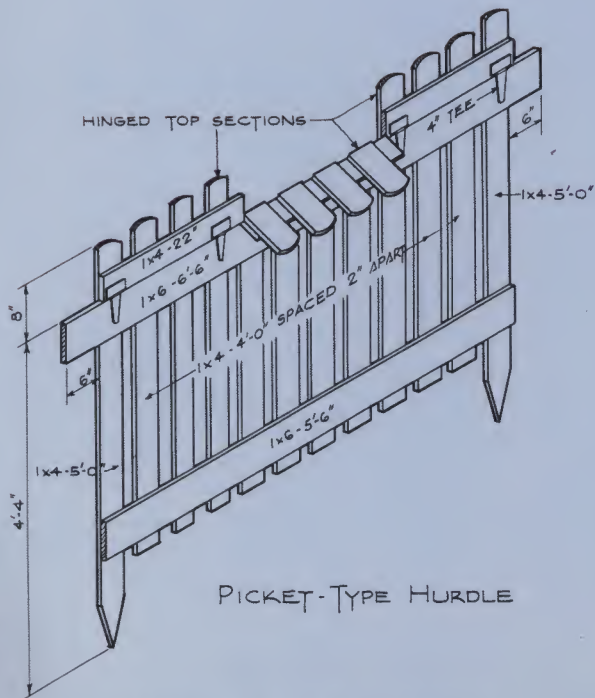
# WORKING DRAWINGS



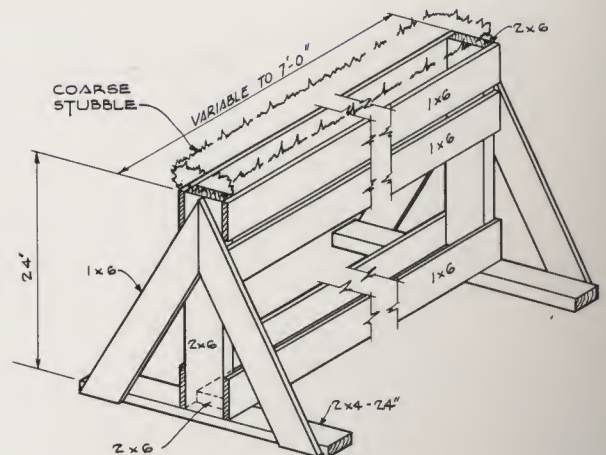
**SADDLE CLEANING RACK  
S-1203**



**"A" TYPE HURDLE  
S-1207**



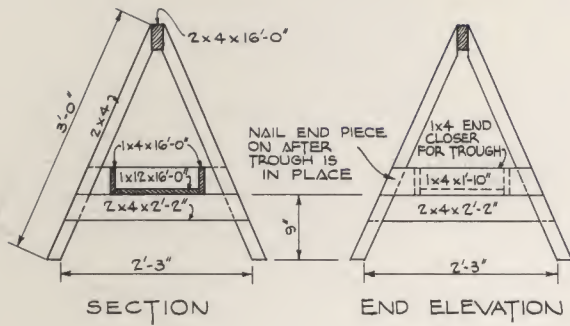
**PICKET-TYPE HURDLE  
S-1208**



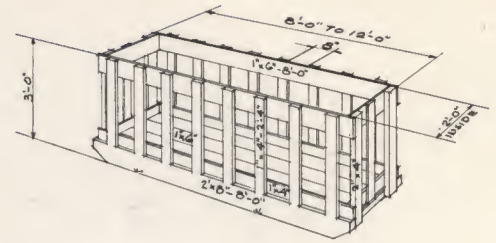
**RANGE HURDLE  
S-1209**



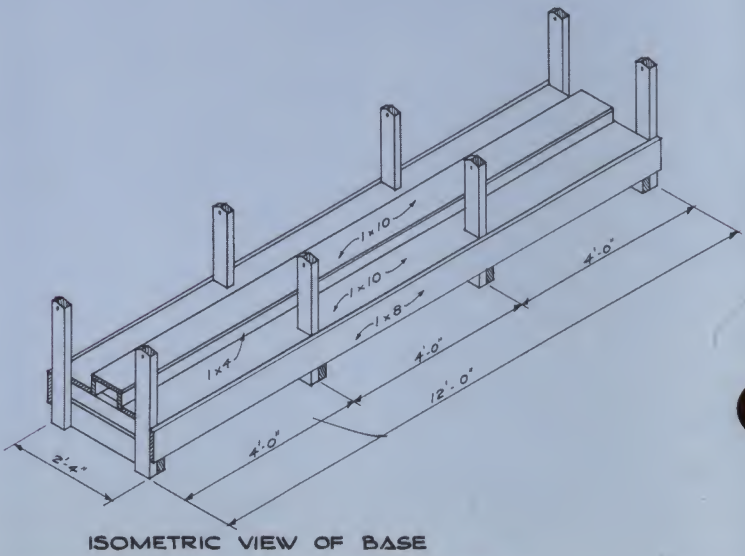
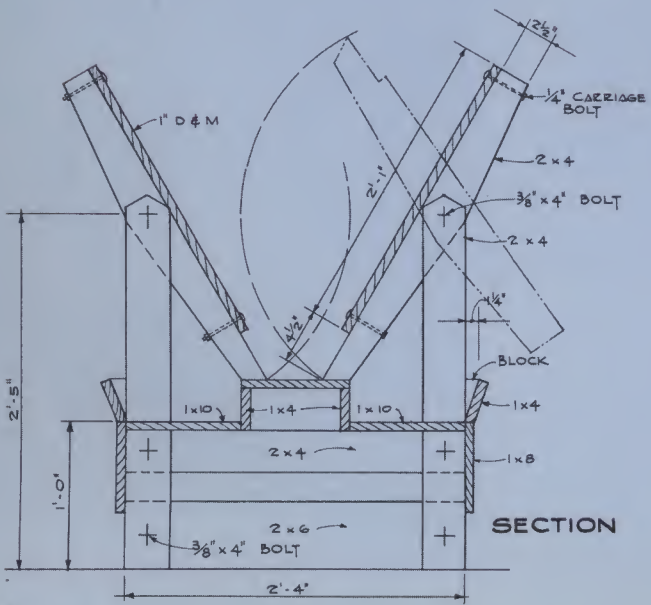
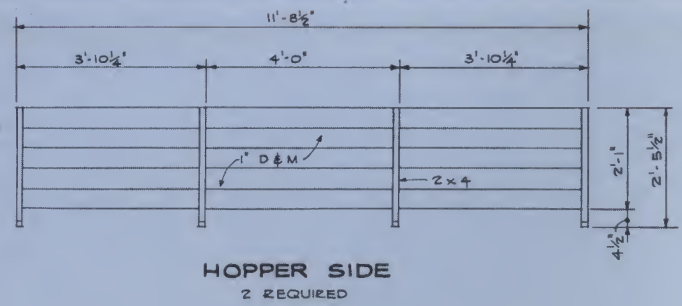
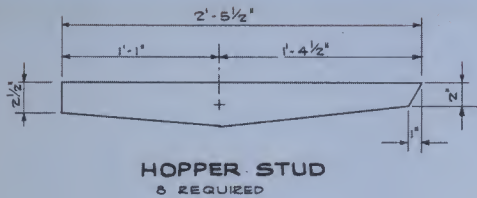
# WORKING DRAWINGS



**FEEDING TROUGH FOR SHEEP**  
S-1501



**HAY & GRAIN RACK FOR SHEEP**  
S-1505

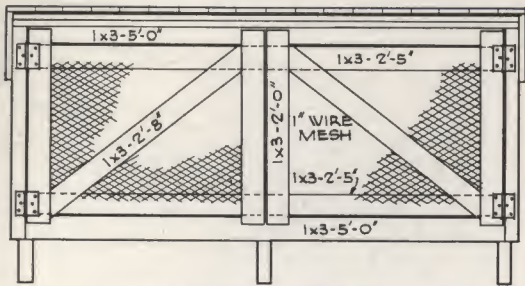


**CHOPPED HAY RACK FOR SHEEP**

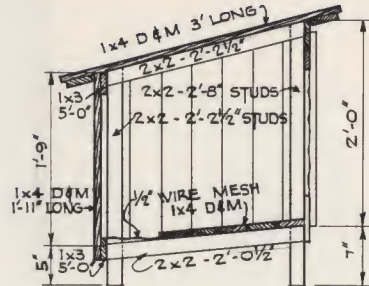
S-1506



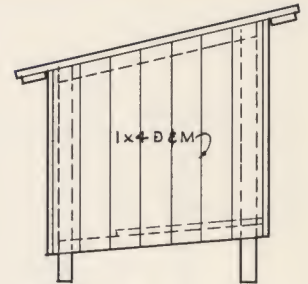
# WORKING DRAWINGS



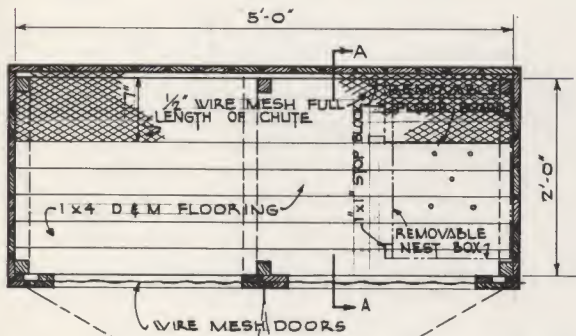
FRONT ELEVATION



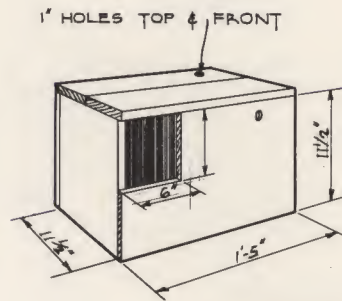
SECTION A-A



END ELEVATION

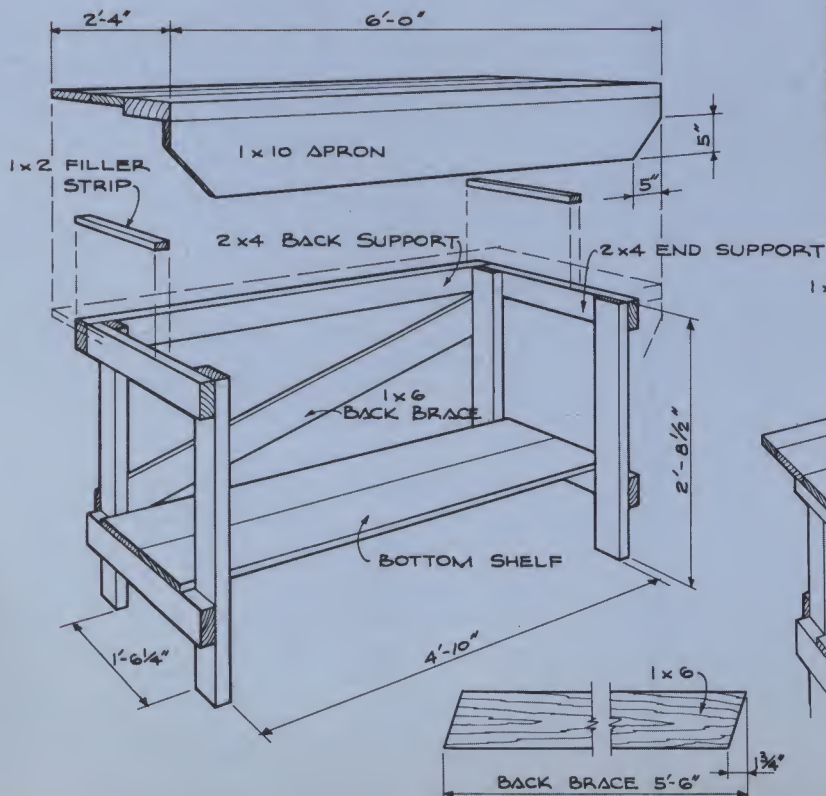


PLAN

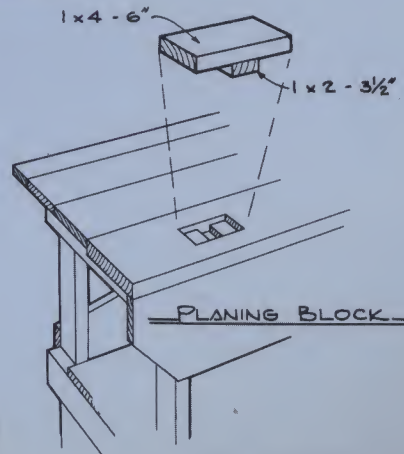


NEST BOX

RABBIT HUTCH  
S-1601



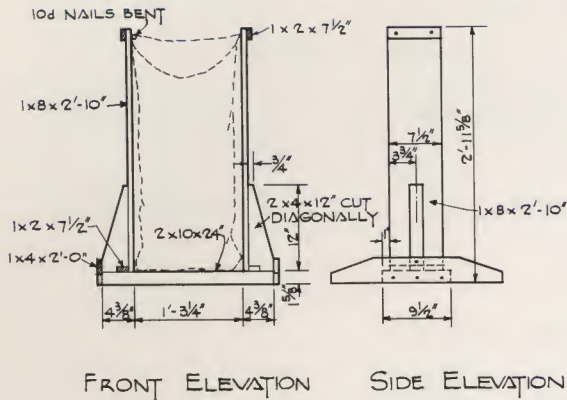
CUTTING LIST			
LEGS	4	2x4	2'-8 1/2"
END SUPPORTS	4	2x4	2'-1 1/2"
BACK BRACE	CUT AS DETAILED		
BOTTOM SHELF	2	1x10	5'-4 1/2"
APRON	CUT AS DETAILED		
BACK SUPPORT	1	2x4	5'-4 1/2"
FILLER STRIPS	2	1x2	1'-6 1/2"
PLANK TOP	1	2x10	6'-0"
BOARD TOP	2	1x8	6'-0"
"	1	1x4	6'-0"
PLANING BLOCK	1	1x4	6"
"	1	1x2	3 1/2"



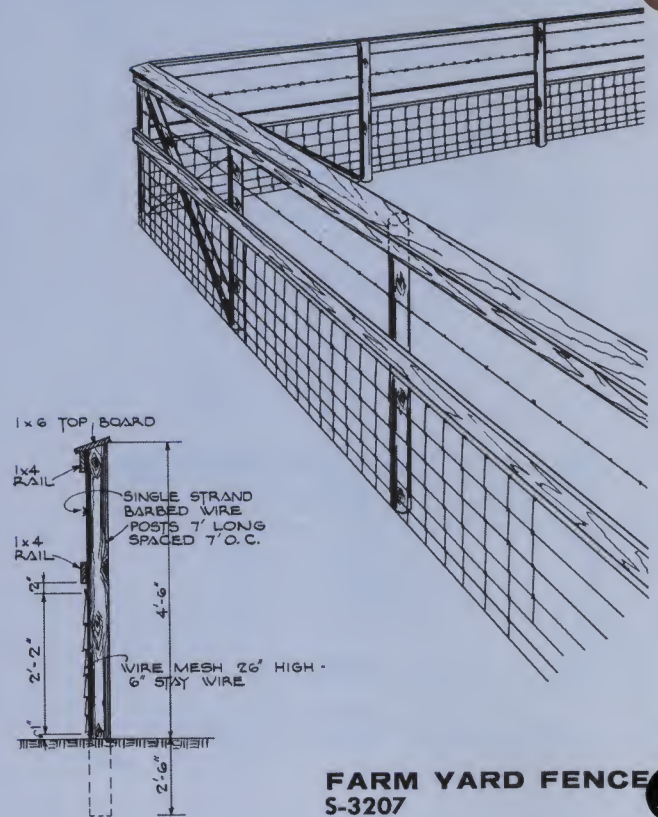
WORK BENCH  
S-3201



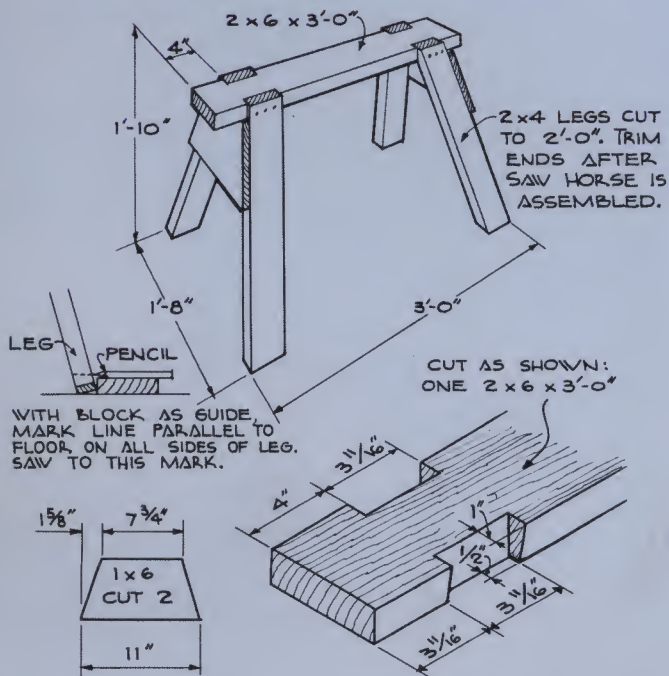
# WORKING DRAWINGS



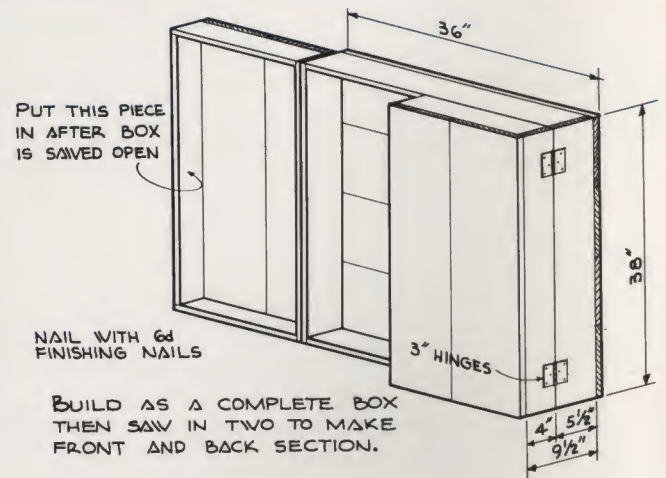
**SACK HOLDER**  
S-3206



**FARM YARD FENCE**  
S-3207



**SAW HORSE**  
S-3208



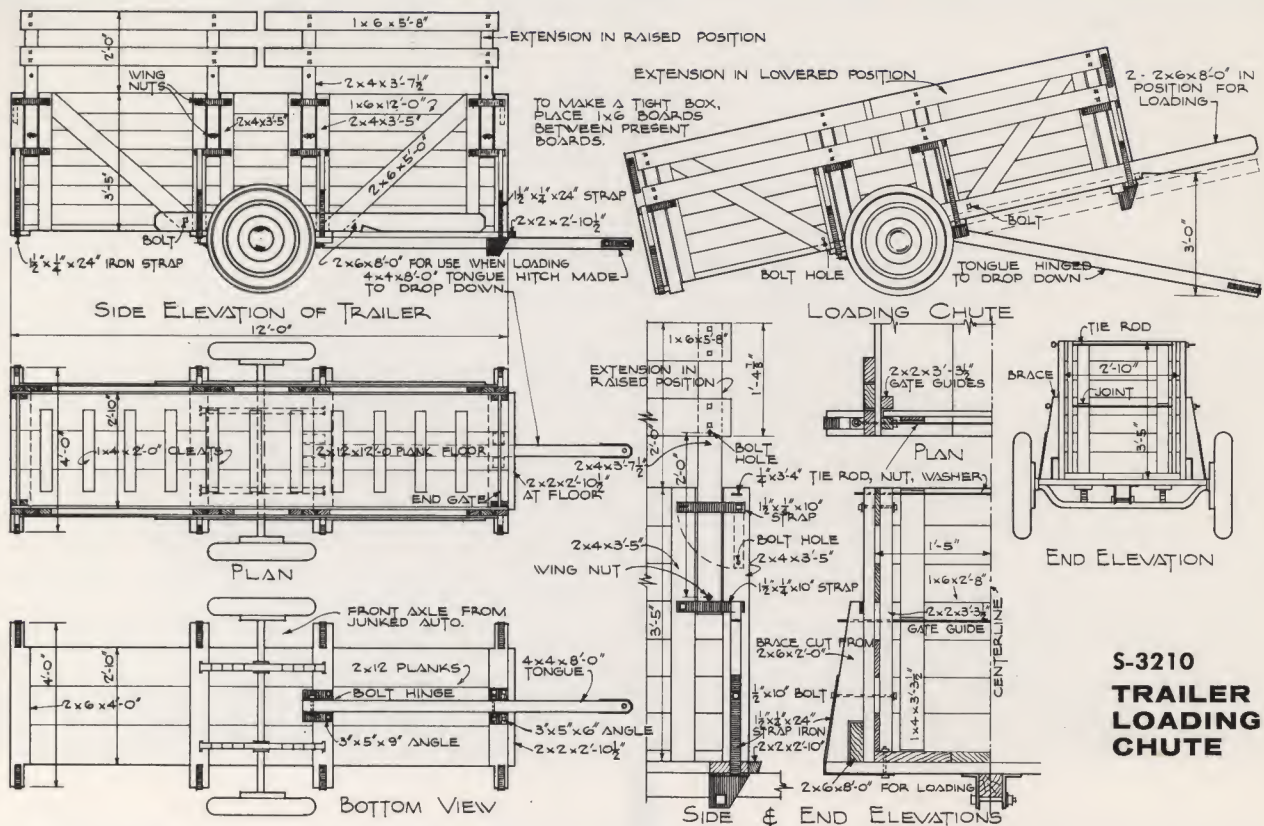
CUTTING LIST			
SIDES	2	1x10	38"
TOP & BOTTOM	2	1x10	34 1/2"
BACK	4	1x10	36"
FRONT	4	1x10	38"
FRONT AT CENTER	2	1x6	36 1/2"

(A) RIP TWO TO 8 1/2" NET WIDTH.  
(B) RIP TO 4" NET WIDTH

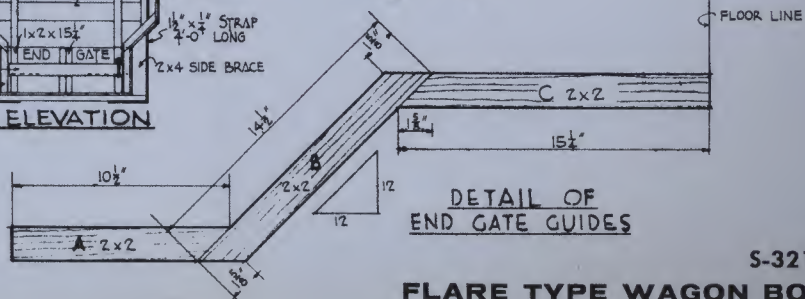
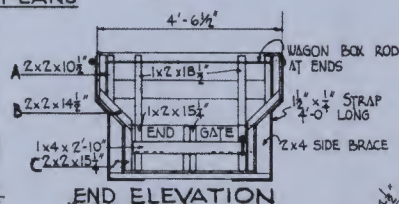
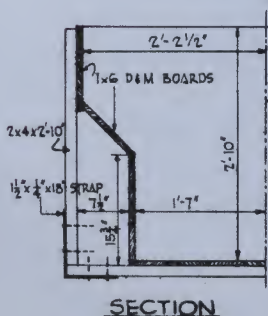
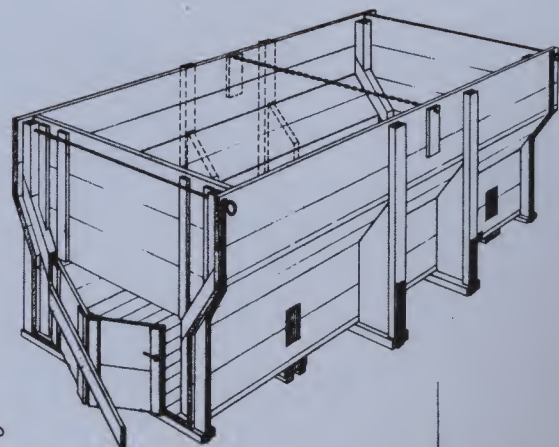
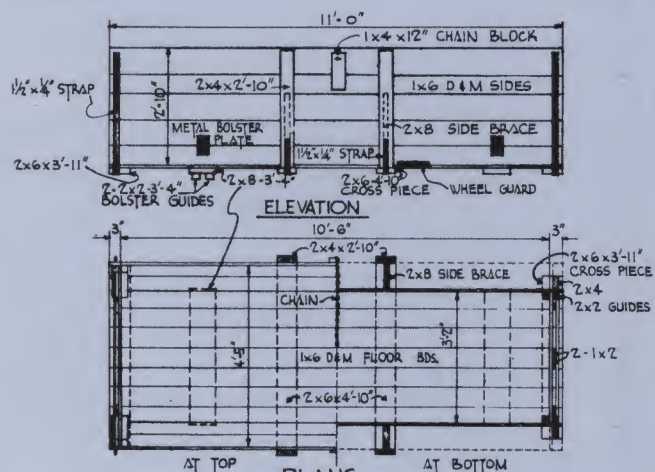
**TOOL CABINET**  
S-3209



## WORKING DRAWINGS



**S-3210  
TRAILER  
LOADING  
CHUTE**

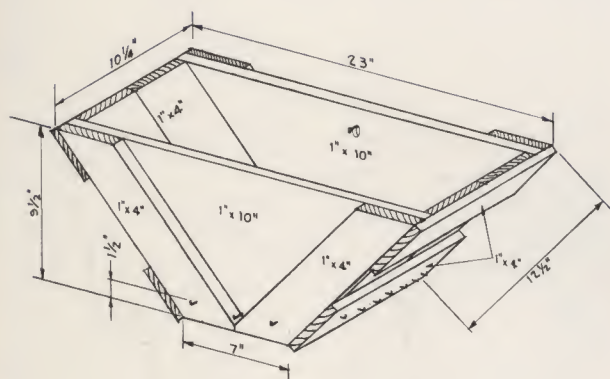
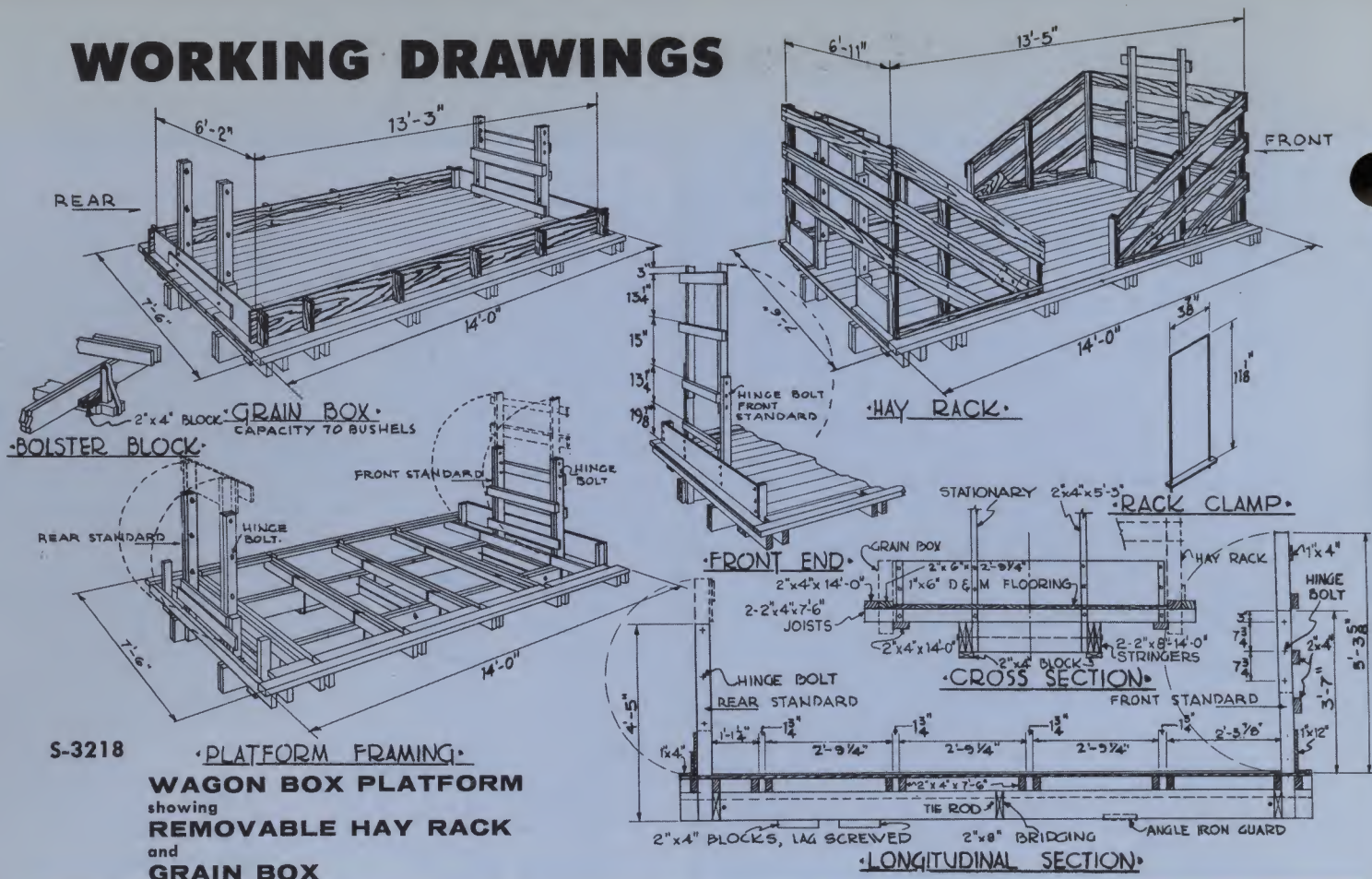


### DETAIL OF END GATE GUIDES

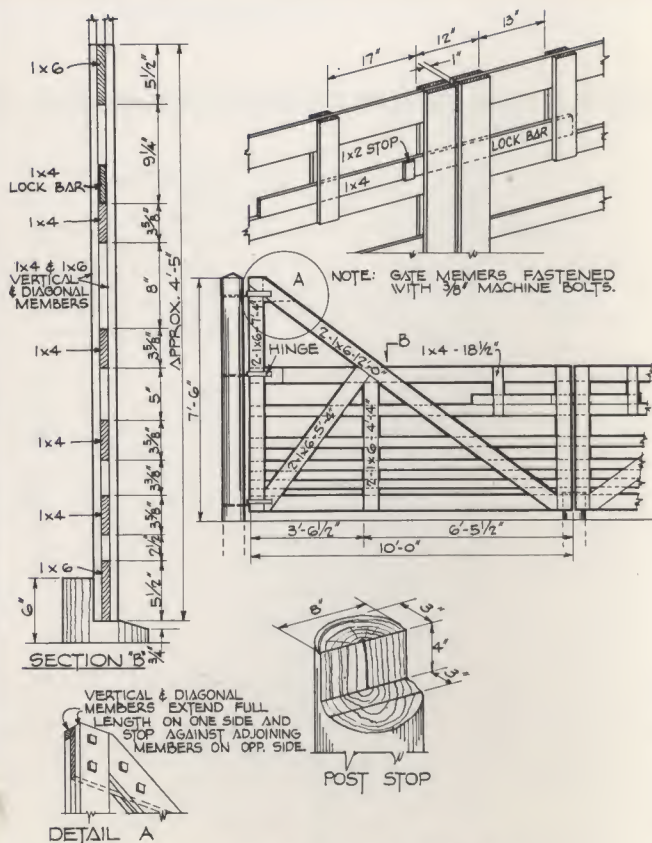
S-3217  
FLARE TYPE WAGON BOX



# WORKING DRAWINGS



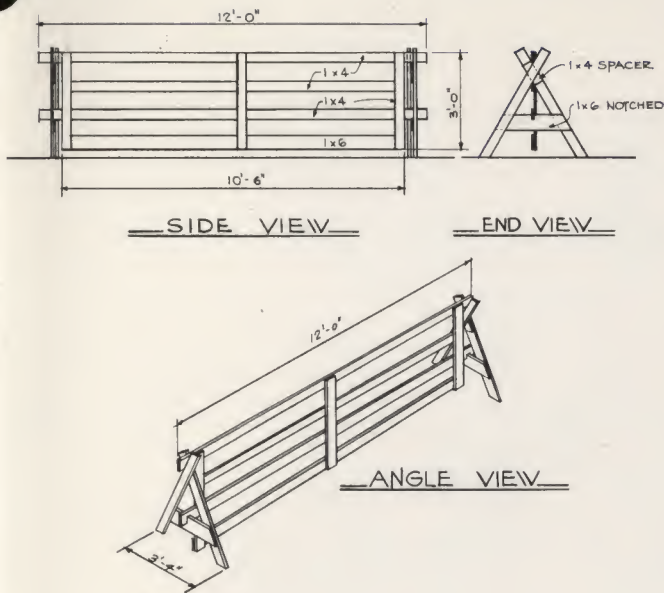
## SACKING FUNNEL S-3220



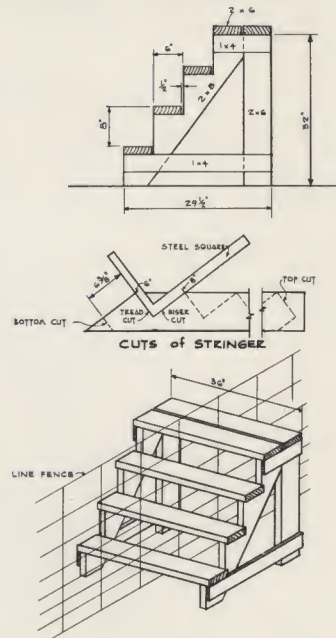
**DOUBLE LEAF GATE**  
**S-3222**



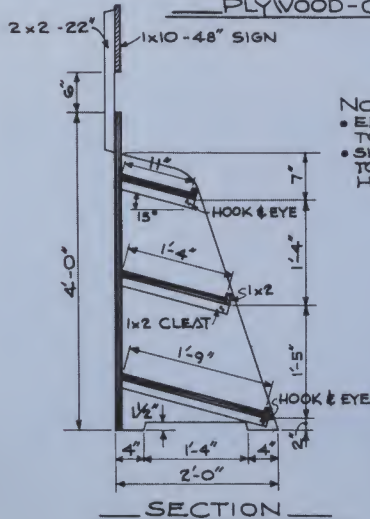
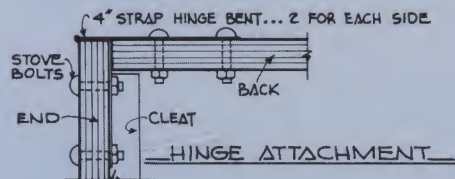
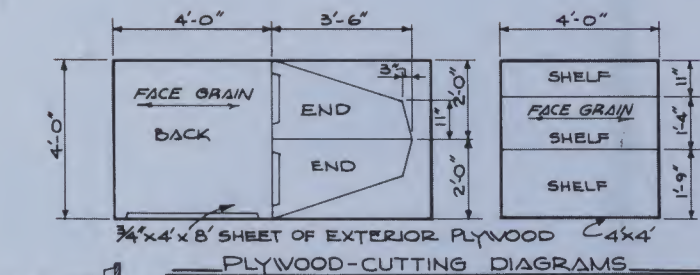
# WORKING DRAWINGS



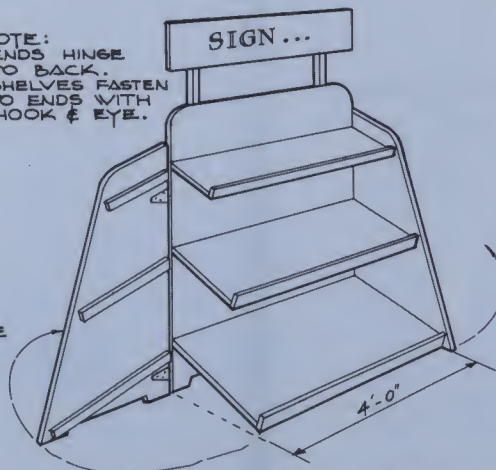
**PORTABLE FENCE**  
For Sheep or Temporary Lots  
S-3228



**STEP-OVER STILE**  
S-3230



**NOTE:**  
• ENDS HINGE TO BACK.  
• SHELVES FASTEN TO ENDS WITH HOOK & EYE.



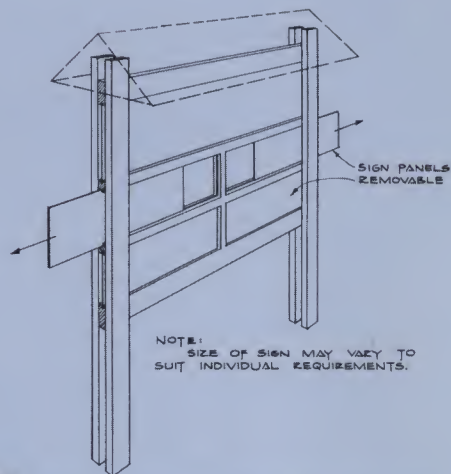
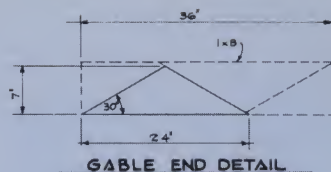
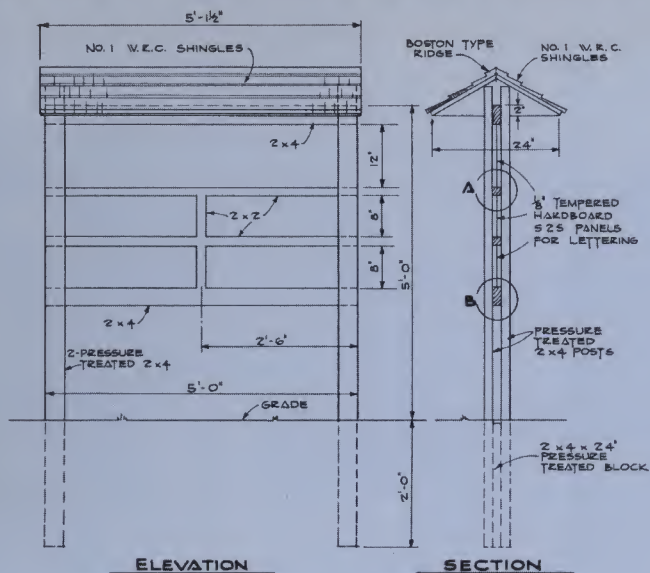
LIST OF MATERIALS			
<b>LUMBER</b>			
BACK & ENDS	1 PC.	48"x96"-3/4"	PLYWOOD
SHELVES	1 "	48"x48"	" "
SIGN SUPPORTS	2 "	2x2	1'-10"
CLEATS	2 "	1x2	1'-9"
	2 "	1x2	1'-4"
	2 "	1x2	11"
SIGN	1 "	1x10	4'-0"
SHELF EDGES	3 "	1x2	4'-0"
<b>HARDWARE</b>			
HINGES	2 PR.	4" STRAP	
BOLTS	24	1" STOVE	

**FARM PRODUCE STAND**

S-3233

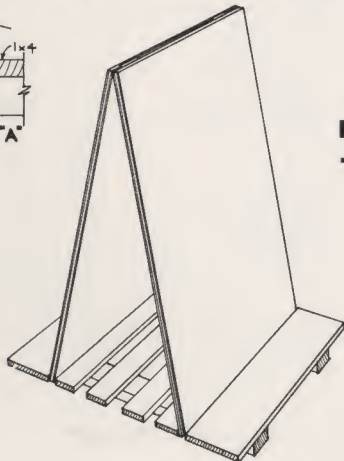
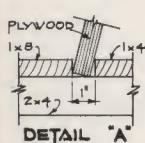
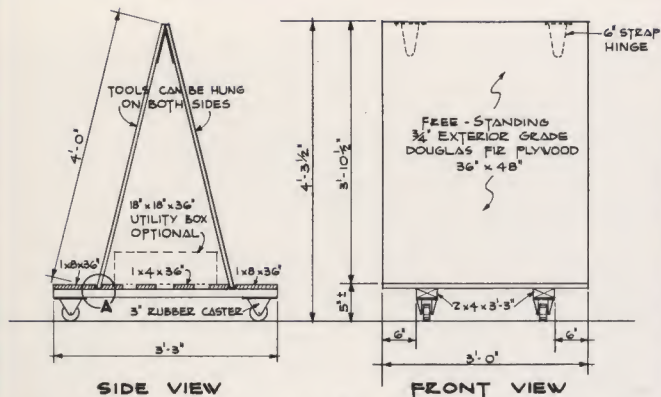
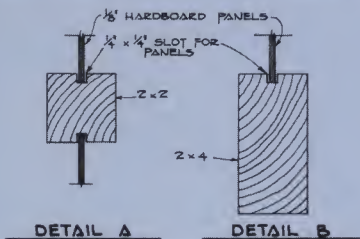


# WORKING DRAWINGS



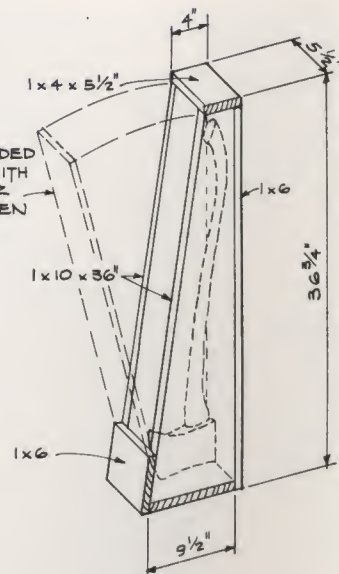
S-3234

"PRODUCTS-FOR-SALE" SIGN



**PORTABLE  
TOOL RACK**  
S-3235

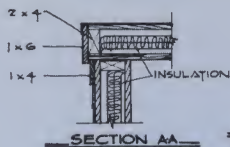
DOOR MAY BE ADDED BY HINGED 1x6 WITH HOOK AT TOP FOR SAFETY OF CHILDREN



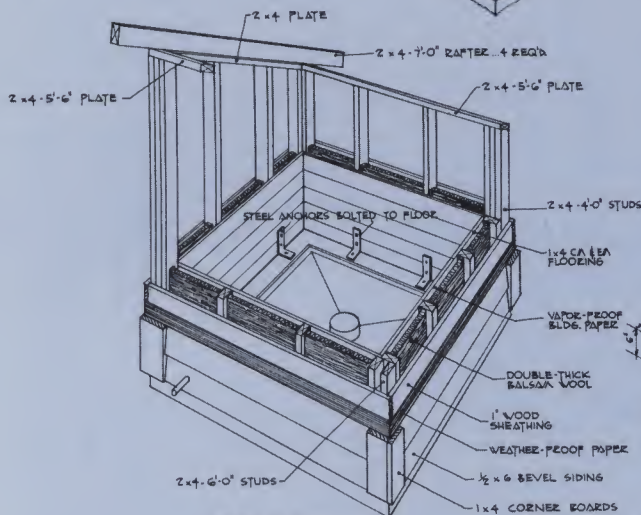
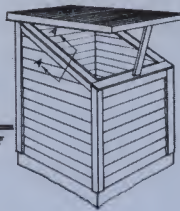
**AXE AND HATCHET CASE**  
S-3236



# WORKING DRAWINGS



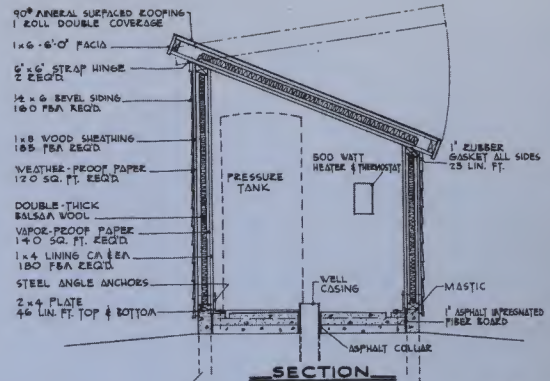
**EXTERIOR VIEW**  
SHOWING HINGED ROOF



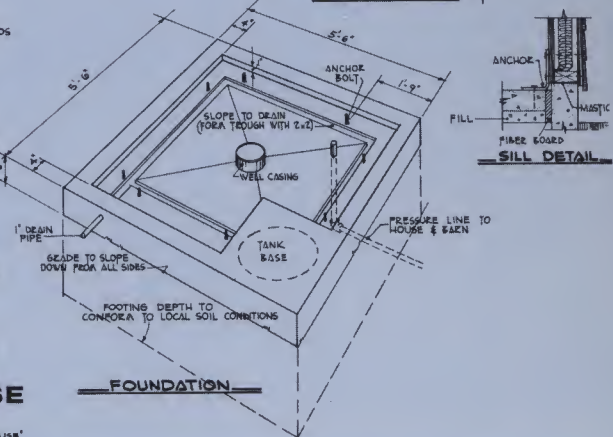
**FRAMING**

**INSULATED PUMP HOUSE  
S-3239**

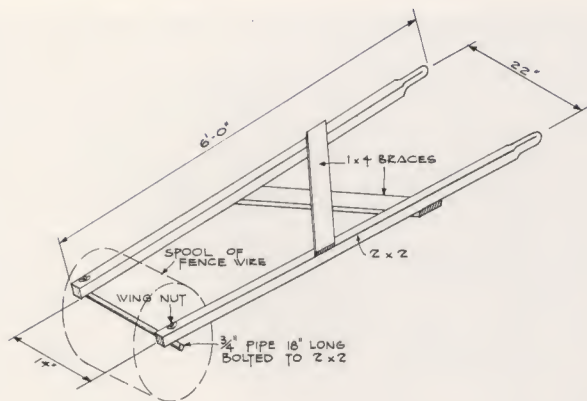
ADAPTED FROM THE "MINNESOTA PUMP HOUSE"



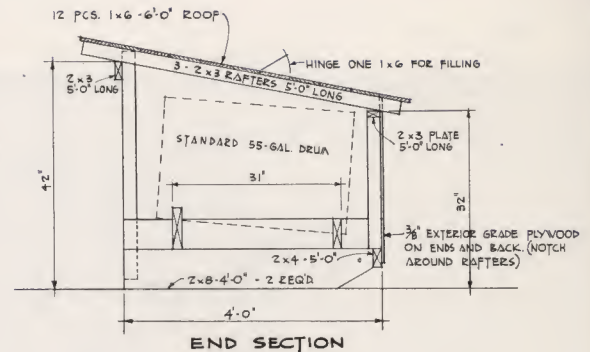
**SECTION**



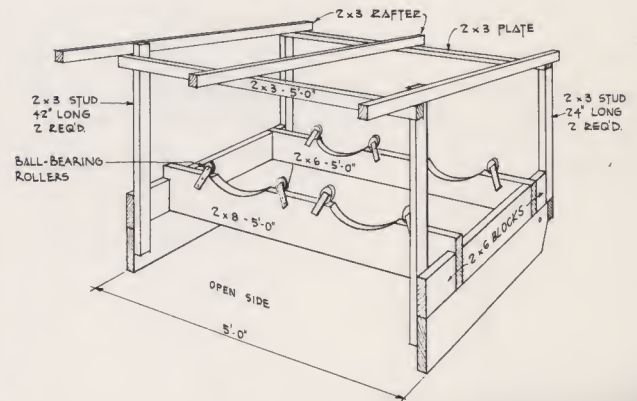
**FOUNDATION**



**FENCE REEL  
S-3240**



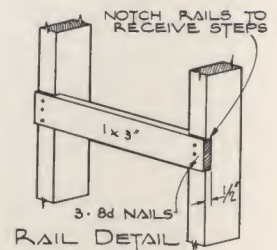
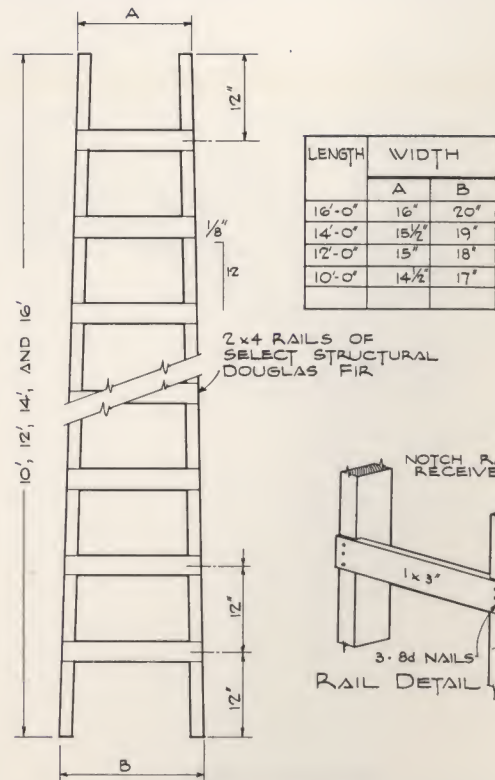
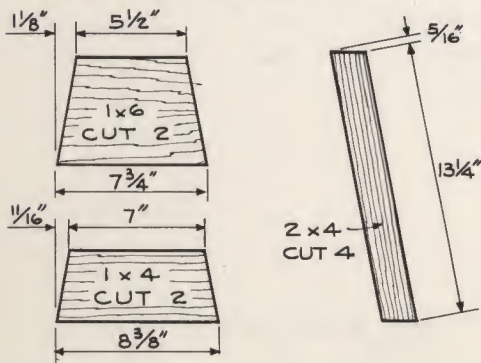
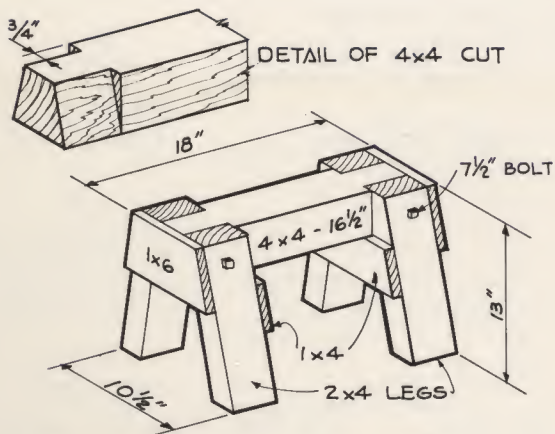
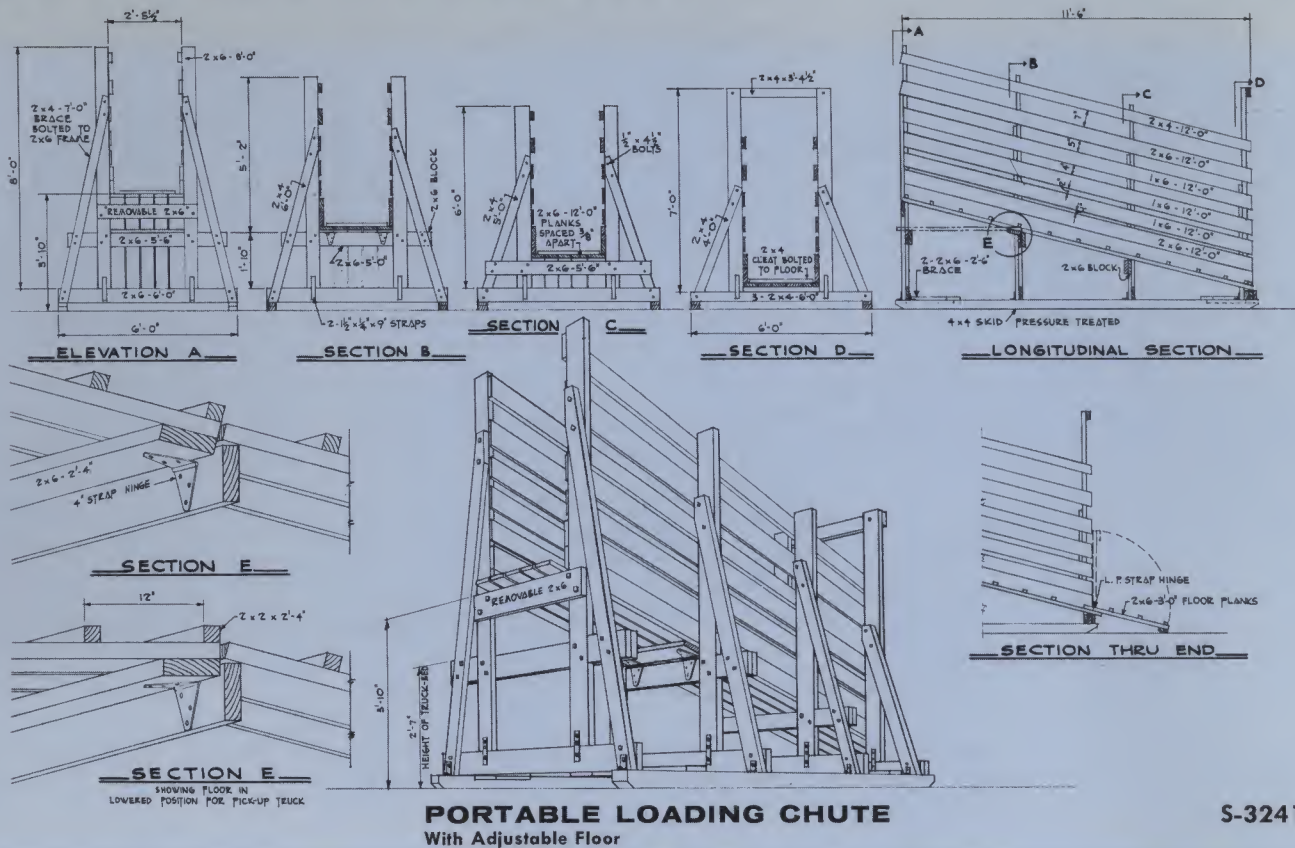
**END SECTION**



**OIL STORAGE SHED  
S-3242**



# WORKING DRAWINGS

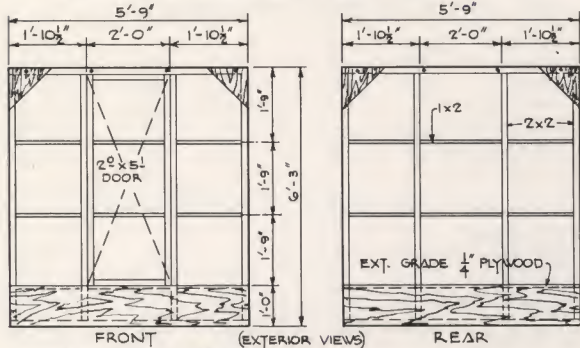


**LADDER**  
**S-3246**

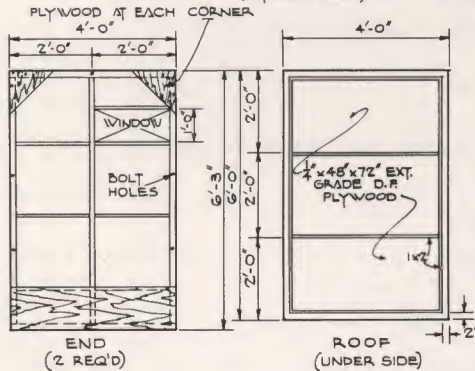


# WORKING DRAWINGS

KRAFT BUILDING PAPER ON INSIDE OF EACH WALL PANEL,  
ATTACHED TO FRAME WITH WOOD LATH.

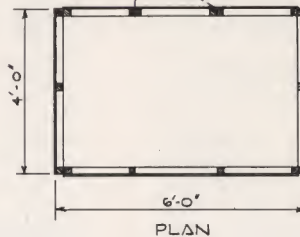


FRONT (EXTERIOR VIEWS) REAR



(2 REQ'D)

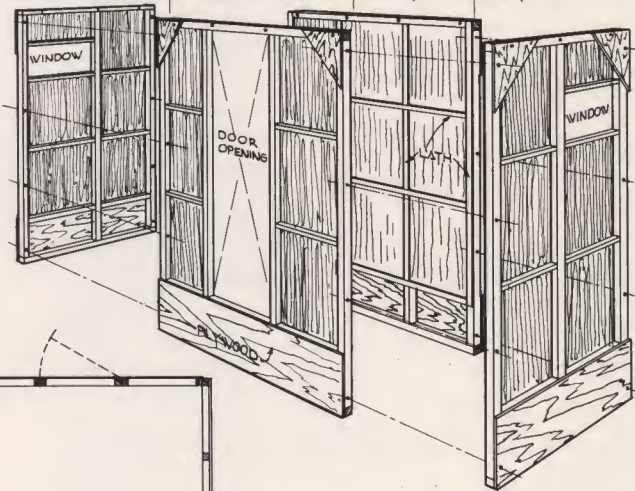
ROOF  
(UNDER SIDE)



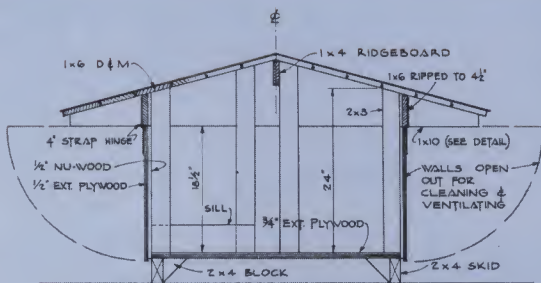
## PLAN

✓ 1x2 ROOF FRAME FITS INSIDE  
THE WALL PANELS. BOLT TO WALL  
WITH 1/4" x 4 1/2" BOLTS.

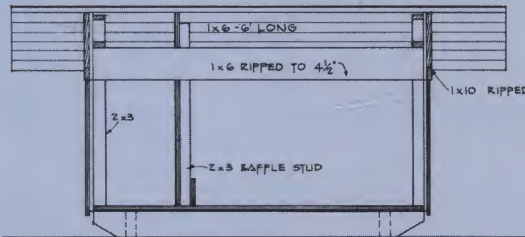
NOTE:  
TEMPORARILY NAIL ALL PANELS TOGETHER, DRILL BOLT HOLES AFTER  
PANELS ARE ASSEMBLED TO ASSURE PERFECT ALIGNMENT.



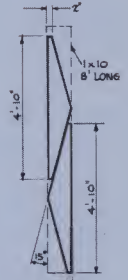
**Light Weight  
ICE-FISHING SHELTER  
S-3244**



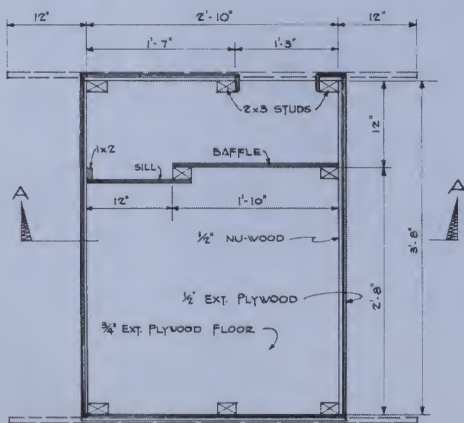
SECTION "A-A"



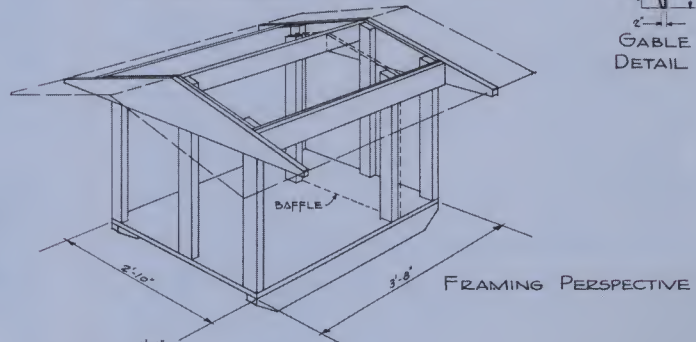
LONGITUDINAL SECTION



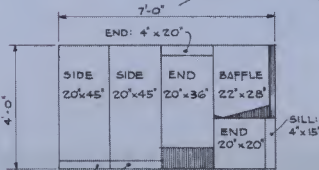
## GABLE DETAIL



## PLAN



## FRAMING PERSPECTIVE



DOOR JAMBS  
1/2" PLYWOOD DIAGRAM

**DOG KENNEL**  
**S-3245**



# MATERIAL LISTS

Item	Pcs.	Size	Length
------	------	------	--------

## S-1116 SECTIONAL LOADING CHUTE

### LUMBER

Skids.....	2	2x6	12'-0"
Floor Planks.....	12	2x10	2'-6"
Cleats-notched.....	12	2x3	2'-6"
Sled Rails.....	2	2x4	12'-0"
Stops.....	2	2x4	9"
Posts for Sides.....	8	2x6	5'-0"
Braces for Sides.....	2	1x6	6'-0"
Braces for Sides.....	2	1x6	5'-0"
Rails for Sides.....	2	2x4	12'-0"
Rails for Sides.....	8	1x6	12'-0"

### HARDWARE

Angle Iron Braces.....	8	5"x5"x $\frac{5}{16}$ "	3"
Angle Iron Braces.....	8	5"x3 $\frac{1}{2}$ "x $\frac{5}{16}$ "	3"
Iron Straps.....	16	$\frac{1}{4}$ "x1 $\frac{1}{2}$ "	9"
Strap Iron Runners.....	2	$\frac{1}{8}$ "x1 $\frac{1}{2}$ "	14'-0"
Strap Iron Hooks.....	2	$\frac{3}{8}$ "x1 $\frac{1}{2}$ "	1'-0"
Leather Straps & Buckles.....	2	See Elevation	
Bolts-Machine.....	40	$\frac{1}{2}$ "	3"
Bolts-Carriage.....	16	$\frac{1}{2}$ "	4 $\frac{1}{2}$ "
Bolts-Carriage.....	80	$\frac{1}{2}$ "	3 $\frac{1}{2}$ "
Bolts-Carriage.....	30	$\frac{1}{2}$ "	2 $\frac{1}{2}$ "
Nails.....	3#	16d Com.	
Screws for Runners.....	30	2"	

## S-1201 SELF-CLOSING GATE FOR SADDLE HORSES

### LUMBER

Post.....	1	4x4	10'-0"
Braces.....	2	1x4	6'-0"
Braces.....	2	1x4	2'-6"
Lift-Arms.....	2	1x4	8'-0"

### HARDWARE

$\frac{3}{8}$ " Steel Strap "A".....	2	1 $\frac{1}{2}$ "x21"	
"B".....	2	3"x7"	
"C".....	1	1 $\frac{1}{2}$ "x33"	
$\frac{1}{2}$ " Rod, bent & Threaded..	1	18"	
Bolts.....	2	$\frac{3}{16}$ "x7 $\frac{1}{2}$ "	
Bolts.....	2	$\frac{1}{2}$ "x2"	
Chain-Weldless Wire.....	2	10'	
Pull Cord.....		To suit	

## S-1203 SADDLE CLEANING RACK

Post.....	1	4x4	3'-3"
Top.....	1	4x4	3'-2"
Base.....	2	1x12	2'-0"
Braces.....	1	1x10	2'-0"

## S-1207 "A"-TYPE HURDLE

"A" Frames.....	6	1x6	2'-4"
"A" Frames.....	3	1x6	3'-0"
"A" Frames.....	3	1x6	1'-6"
Free-Standing Tops.....	6	1x12	4'-0"
Free-Standing Tops.....	3	1x4	1'-6"
Free-Standing Tops.....	3	1x4	0'-9"
Covering.....	10	1x6	12'-0"
Frame Cover.....	1	1x10	12'-0"

## S-1208 PICKET-TYPE HURDLE

Posts.....	2	1x4	5'-0"
Rails.....	1	1x6	6'-6"
Rails.....	1	1x6	5'-6"
Pickets.....	10	1x4	4'-0"
Hinge Strips.....	1	1x4	5'-6"
Hinges 4" Tee.....	6		

## S-1209 RANGE HURDLE

Base.....	2	2x4	2'-0"
End.....	2	2x6	2'-0"
Braces.....	4	1x6	3'-0"
Sides.....	6	1x6	7'-0"
Bottom.....	1	2x6	7'-0"

Item	Pcs.	Size	Length
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## S-1501 FEEDING TROUGH FOR SHEEP

### LUMBER

Legs.....	6	2x4	3'-0"
Ridge.....	1	2x4	16'-0"
Cross Ties.....	3	2x4	2'-2"
Trough Ends.....	2	1x4	1'-10"
Trough Sides.....	2	1x4	16'-0"
Trough Floor.....	1	1x12	16'-0"

## S-1505 HAY AND GRAIN RACK FOR SHEEP

### LUMBER

Corner.....	4	2x4	2'-9"
Runners.....	2	2x8	8'-0"
Bottom Rails.....	2	1x4	8'-0"
Bottom Rails.....	2	1x4	2'-0"
Top Rails.....	2	1x6	8'-0"
Top Rails.....	2	1x6	2'-0"
Pickets.....	18	1x4	2'-4"
Joists.....	3	2x4	2'-0"
Floor Boards.....	3	1x6	7'-7 $\frac{1}{4}$ "
Floor Boards.....	1	1x8	7'-7 $\frac{1}{4}$ "

## S-1506 CHOPPED HAY RACK FOR SHEEP

### LUMBER

Legs.....	8	2x4	2'-7"
Cross Pieces.....	4	2x4	2'-4"
Cross Pieces.....	4	2x6	2'-4"
Hopper Studs.....	8	2x4	2'-5 $\frac{1}{2}$ "
Bottom.....	2	1x8	12'-0"
Bottom.....	3	1x10	11'-8 $\frac{3}{4}$ "
Bottom.....	2	1x4	11'-8 $\frac{3}{4}$ "
Bottom.....	2	1x4	12'-0"
Hopper Sides.....	10	1x6 DM	11'-8 $\frac{1}{2}$ "

### HARDWARE

Bolts.....	16	$\frac{1}{4}$ "x4	
Bolts.....	24	$\frac{3}{8}$ "x4	

## S-1601 RABBIT HUTCH

### LUMBER

Studs.....	3	2x2	2'-2 $\frac{1}{2}$ "
Studs.....	3	2x2	2'-8"
Joists.....	1	2x2	2'-0 $\frac{1}{2}$ "
Joists.....	2	2x2	1'-9"
Rafters.....	1	2x2	2'-1 $\frac{1}{2}$ "
Rafters.....	2	2x2	1'-10"
Wall & Roof Support.....	6	1x3	5'-0"
Floor, Roof & Walls.....		1" D&M	55 FBM
Doors.....	3	1x2	1'-4"
Doors.....	1	1x4	1'-4"
Doors.....	4	1x3	2'-5"
Doors.....	4	1x3	2'-0"
Doors, Cross Braces.....	2	1x3	2'-8"
Doors, Hinged to.....	2	1x2	2'-2"
Nest Box Ends.....	2	1x12	11 $\frac{1}{2}$ "
Nest Box, Front & Back....	2	1x12	1'-5"
Nest Box, Top.....	1	1x8	1'-5"
Nest Box, Top.....	1	1x6	1'-5"

### HARDWARE

Hinges.....	4 Pr.	3" Butt	
$\frac{1}{2}$ " Wire Mesh & Staples....	4 Sq. Ft.		
1" Wire Mesh & Staples....	7 Sq. Ft.		

## S-3201 WORK BENCH

### LUMBER

Legs.....	4	2x4	2'-8 $\frac{1}{2}$ "
End Brace.....	4	2x4	2'-1 $\frac{1}{2}$ "
Back Brace.....	1	1x6	5'-6"
Bottom Shelf.....	2	1x10	5'-4 $\frac{1}{2}$ "
Apron.....	1	1x10	6'-0"
Back Support.....	1	2x4	5'-4 $\frac{1}{2}$ "
Filler Strip.....	2	1x2	1'-6 $\frac{1}{2}$ "



# MATERIAL LISTS

Item	Pcs.	Size	Length
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## S-3201 (Continued)

Plank Top.....	1	2x10	6'-0"
Board Top.....	2	1x8	6'-0"
	1	1x4	6'-0"

## OPTIONAL TOOL PANEL

Battens.....	3	1x2	2'-0"
Boards.....	2	1x10	6'-0"

## S-3206 SACK HOLDER

### LUMBER

Bottom.....	1	2x10	2'-0"
Sides.....	2	1x8	2'-10"
Diagonal Braces.....	2	2x4	12"
Cleats.....	4	1x2	7½"
Floor Rail.....	2	1x4	2'-0"

## S-3207 FARM YARD FENCE (In 16 Feet Units)

### LUMBER

Posts.....	2	4"	7'-0"
Top Board.....	1	1x6	16'-0"
Rails.....	2	1x4	16'-0"

### HARDWARE

Barbed Wire.....			16'-0"
Wire Mesh.....	26" high 6" Stay		16'-0"

## S-3208 SAW HORSE

### LUMBER

Legs.....	4	2x4	1'-11"
Rail.....	1	2x6	3'-0"
Braces.....	2	1x6	11"

### HARDWARE

Screws.....	1 Doz.	3½" #9	
	¼ Doz.	2" No. 9	

## S-3209 TOOL CABINET 36"

### LUMBER

Sides.....	2	1x10	38"
Top & Bottom.....	2	1x10	34½"
Back.....	4	1x10	36"
Front.....	4	1x10	38"
Front & Center.....	2	1x6	36½"

### HARDWARE

Hinges.....	4	3"	
Hasp.....	1		

## S-3210 TRAILER & LOADING CHUTE

### LUMBER

Floor Supports.....	4	2x6	4'-0"
Floor, End Piece.....	1	2x2	2'-10½"
Floor Planks.....	3	2x12	12'-0"
Floor Cleats.....	11	1x4	2'-0"
Side Supports.....	16	2x4	3'-5"
Side Braces.....	4	2x6	5'-0"
Side Boards.....	8	1x6	12'-0"
Gate Guides.....	8	2x2	3'-3½"
Gates.....	4	1x4	3'-3½"
	8	1x6	2'-8"
Side Braces.....	8	2x6	2'-0"
For Loading.....	2	2x6	8'-0"
Extension Members.....	8	2x4	3'-7½"
	8	1x6	5'-8"
Tongue.....	1	4x4	8'-0"

### HARDWARE

Strap Iron.....	9	1½ x¼	24"
Strap Loading Iron.....	2	1½ x¼	48"
Strap Iron.....	12	1½ x¼	10"
Hinges Strap.....	4		
Angle Iron.....	2	3x5	9"
	2	3x5	6"

Item	Pcs.	Size	Length
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## S-3210 (Continued)

Bolts, Machine.....	16	½"	3½"
	8	½"	10"
	16	½"	5"
	32	⅝"	3"
	8	½"	2½"

## Strap Hinge or Hasp for

Raised Extension.....	8	4" Lag	
Nails.....	2#	16d	
	1#	8d	

## Tie Rods (With

Nuts & Washers).....	2	¼"x3'-4"	
	2	¼"x3'-8"	

## S-3217 FLARE TYPE WAGON BOX

### LUMBER

Cross Pieces-Bottom.....	2	2x6	3'-11"
Cross Pieces-Bottom.....	2	2x8	3'-4"
Cross Pieces-Bottom.....	2	2x6	4'-10"
Side Braces.....	4	2x4	1'-7⅞"
Side Braces.....	4	2x8	1'-11¼"
Floor & Side Boards D&M.....	23	1x6	11'-0"
Vertical Supports.....	4	2x4	2'-10"
End Gate Guides.....	8	2x2	1'-3¾"
End Gate Guides.....	8	2x2	1'-2½"
End Gate Guides.....	8	2x2	10½"
End Boards D&M.....	6	1x6	3'-2"
End Boards D&M.....	2	1x6	4'-0"
End Boards D&M.....	6	1x6	4'-5"
End Cleats.....	2	1x2	1'-6½"
End Cleats.....	4	1x2	1'-1"
End Cleats.....	2	1x2	2'-10"
End Gate Cleats.....	4	1x2	1'-3¾"
End Gate Board.....	1	1x4	2'-10"
Chain Blocks.....	2	1x4	1'-0"
Bolster Guide.....	2	2x2	3'-4"

### HARDWARE

Strap Iron Braces.....	4	¼"x1½"	4'-0"
Strap Iron Braces.....	4	¼"x1½"	1'-6"
Iron Bolster Plates.....	4	¼"x3"	6"
Wheel Guard Angle Irons.....	2	2"x2"x¾"	10"
Wagon Box Rods.....	2	¾"	4'-8"
Tail Nut & Bolt.....	1		
End Gate Strap Hinges.....	2	4"	
Nails.....	4#	6d Com.	
Nails.....	5#	10d Com.	
Screws.....	48	1¼"	

## S-3218 HAY RACK AND GRAIN BOX

### LUMBER

Stringers.....	4	2x8	14'-0"
Bridging.....	3	2x8	3'-0"
Blocks under Stringers.....	4	2x4	1'-0"
Bolster Blocks.....	2	2x4	1'-4"
Joists.....	12	2x4	7'-6"
Stops.....	4	2x4	14'-0"
Stake Spacers.....	6	2x4	2'-9¼"
Stake Spacers.....	2	2x4	2'-7½"
Stake Spacers.....	2	2x4	1'-2¾"
Stakes for Fixed Ends.....	6	2x4	1'-4"
Rear Standard.....	2	2x4	4'-5"
Rear Standard.....	2	2x4	3'-5"
Rear Standard Board.....	1	1x12	6'-2"
Rear Standard Board.....	1	1x6	5'-0"
Front Standard.....	2	2x4	4'-6⅞"
Front Standard.....	2	2x4	3'-7"
Front Standard Board.....	1	1x12	6'-2"
Front Standard Boards.....	3	2x4	2'-6"
Front Standard Boards.....	1	1x4	3'-0"
Grain Box Stakes.....	12	2x4	1'-6"
Grain Box Side Boards.....	2	1x12	14'-0"
Stakes for Hay Frame.....	4	2x4	2'-0"
Stakes for Hay Frame.....	2	2x4	4'-3"



# MATERIAL LISTS

Item	Pcs.	Size	Length
<b>S-3218 (Continued)</b>			
Stakes for Hay Frame.....	2	2x4	3'-6"
Stakes for Hay Frame.....	4	2x4	5'-0"
Hay Frame Boards.....	6	1x6	7'-0"
Hay Frame Boards.....	2	1x4	4'-6"
Hay Frame Boards.....	2	1x4	6'-0"
Hay Frame Boards.....	2	1x6	3'-0"
Hay Frame Boards.....	2	1x6	5'-0"
Hay Frame Boards.....	2	1x6	5'-9"
Hay Frame Boards.....	2	1x6	4'-0"
Hay Frame Boards.....	2	1x6	6'-6"
Hay Frame Boards.....	2	1x6	7'-0"
Hay Frame Splice Boards...	1	1x6	8'-0"
<b>HARDWARE</b>			
Tie Rods.....	3	3/8"	3'-4"
Rack Floor Clamps.....	10	See Detail	
Bolts & Washers.....	25	1/2"	6"
Bolts & Washers.....	130	1/4"	5"
Bolts & Washers.....	12	1/2"	4"
Bolts & Washers.....	8	1/2"	8"
Bolts & Washers.....	30	1/4"	3"
Nails.....	4#	8d Com.	
Nails.....	3#	16d Com.	

## S-3220 SACKING FUNNEL

<b>LUMBER</b>			
Sides.....	2	1x10	1'-11"
Ends.....	4	1x4	1'-0 1/2"
End Cleats.....	4	1x4	10 1/4"
Side Cleats.....	4	1x4	1'-4"
Wire Hooks.....	20	2" long	

## S-3222 DOUBLE-LEAF GATE

<b>LUMBER</b>			
Boards.....	4	1x6	10'-0"
	8	1x4	10'-0"
Gussets.....	2	1x10	1'-6"
Vertical Cleats.....	4	1x6	7'-4"
	4	1x6	4'-4"
	4	1x6	4'-5"
Diagonal Cleats.....	4	1x6	5'-4"
	4	1x6	12'-0"
Lock Bar.....	1	1x4	5'-0"
Lock Stop.....	1	1x2	3 1/2"
Lock Cleats.....	4	1x4	1'-6 1/2"
Posts.....	2	8"φ	12'-0"
Gate Stop.....	1	8"φ	3'-0"
<b>HARDWARE</b>			
Gate Hinges.....	3 Pr.		
Bolts-Machine.....	80	3/8"φx3"	

## S-3228 PORTABLE FENCE

Legs.....	4	1x4	4'-0"
Braces.....	2	1x6	2'-6"
Spacers.....	2	1x4	1'-0"
Rails-Horizontal.....	1	1x6	10'-6"
	2	1x4	12'-0"
	1	1x4	10'-6"
Rails-Vertical.....	3	1x4	3'-0"

## S-3230 STEP-OVER STILE

Vertical Support.....	2	2x6	2'-8"
Stringers.....	2	2x8	3'-3"
Brace.....	2	1x4	2'-6"
	2	1x4	1'-0"
	5	2x6	3'-0"

<b>S-3233 FARM PRODUCE STAND</b>			
<b>LUMBER</b>			
Back & Ends-3/4"			
Ext. Plywood.....	1	48"x96"	
Shelves & Sign-3/4"			
Ext. Plywood.....	1	48"x58"	
Sign Supports.....	2	2x2	1'-10"
Cleats.....	2	1x2	1'-9"
	2	1x2	1'-4"
	2	1x2	11"
Shelf Edge.....	3	1x2	48"
<b>HARDWARE</b>			
Hinges-4" strap.....	2 pr.		
Bolts-1" Stove.....	24		

## S-3234 PRODUCTS-FOR-SALE SIGN

<b>LUMBER</b>			
Posts-Pressure Treated.....	4	2x4	7'-0"
Frames.....	2	2x4	5'-0"
	2	2x2	5'-0"
	2	2x2	7 1/2"
End Gables.....	1	1x8	3'-0"
Roof.....	4	1x8	6'-0"
Blocking-Pressure Treated..	2	2x4	2'-0"
Shingles-#1 WRC.....	16"	5/2	1 Bundle
Panels (S2S) Tempered			
Hardboard.....	1	12"x60"	
	4	8"x30"	

## S-3235 PORTABLE TOOL RACK

<b>LUMBER</b>			
Dolly Base.....	2	2x4	3'-3"
Floor.....	2	1x8	3'-0"
	4	1x4	3'-0"
Tool Rack-Ext.			
Grade Plywood.....	2	3/4"	36"x48"
<b>MISCELLANEOUS</b>			
Casters-Rubber.....	4	3"	
Hinges.....	1 pr.	6" strap	

## S-3236 AXE AND HATCHET CASE

<b>LUMBER</b>			
Sides.....	2	1x10	3'-0"
Back.....	1	1x6	3'-0"
Bottom.....	1	1x10	5 1/2"
Top.....	1	1x4	5 1/2"
Front.....	1	1x6	6"
Door (optional).....	1	1x6	2'-6"

## S-3239 INSULATED PUMP HOUSE

<b>LUMBER</b>			
Plates.....		2x4	46 lin. ft.
Studs.....	14	2x4	6'-0"
	6	2x4	4'-0"
Roof Frame.....	4	2x4	7'-0"
	2	2x4	5'-9"
Lining-CM & EM.....	R/L	1x4	180 fbm
Sheathing.....	R/L	1x8	185 fbm
Siding.....	R/L	1/2x6	160 fbm
Corner Boards.....	8	1x4	12'-0"
Trim.....	2	1x4	12'-0"
Roof Trim.....	2	1x6	14'-0"
<b>MISCELLANEOUS</b>			
Insulation-Dbl. Thick			
Balsam-Wool.....			140 sq. ft.
Vapor Proof Paper.....			140 sq. ft.
Weatherproof Paper.....			120 sq. ft.
Roofing.....	90#		1 roll
Hinges.....	2		6" strap
Rubber Gasket.....			1" 23 lin. ft.



# MATERIAL LISTS

Item	Pcs.	Size	Length
<b>S-3239 (Continued)</b>			
Asphalt Impregnated Fiber Board.....		1"	22 lin. ft.
Angle Anchors.....	8	1/4"x1"x10"	
Anchor Bolts.....	8	1/2"x12"	
Concrete.....		1 1/4" cu. yds.	
Nails.....	5#	10d Common	
	15#	8d Common	
	3#	1" Roofing	
Lag Screws.....	16"	1/2"φx3"	

## S-3240 FENCE REEL

Handles.....	2	2x2	6'-0"
Braces.....	2	1x4	2'-6"
Pipe.....	1	3/4"φ	18"
Bolts with wing nuts.....	2	1/4"	3"

## S-3241 PORTABLE LOADING CHUTE WITH ADJUSTABLE FLOOR

<b>LUMBER</b>			
Skids.....	2	4x4	12'-0"
Joists on Skids.....	3	2x6	6'-0"
	3	2x4	6'-0"
Joists under Floor.....	2	2x6	5'-0"
	1	2x6	5'-6"
Removable Joist.....	1	2x6	3'-6"
Joist Blocking.....	6	2x6	1'-0"
Braces-Joist to Skid.....	8	2x6	2'-6"
Studs.....	2	2x6	8'-0"
	4	2x6	7'-0"
	2	2x6	6'-0"
Braces-Stud to Skid.....	2	2x4	7'-0"
	2	2x6	6'-0"
	2	2x6	5'-0"
	2	2x6	4'-0"
Floor Brace.....	1	2x6	2'-4"
Floor Planks.....	5	2x6	12'-0"
Hinged Approach.....	5	2x6	3'-0"
Cleats (Approach).....	3	2x4	2'-0"
(Floor).....	12	2x2	2'-0"
Walls.....	6	2x6	12'-0"
	2	2x4	12'-0"
	6	1x6	12'-0"
Stud Tie.....	1	2x4	3'-4 1/2"
<b>HARDWARE</b>			
Angle Irons.....	10	3 1/2"x2 1/2"x5/16"x3"	
Strap Irons.....	14	1/4"x1 1/2"x9"	
Strap Hinges.....	2	4"	
	2	8"	
Bolts.....	2	1/2"	7 1/2"
	14	1/2"	5 1/2"
	50	1/2"	4 1/2"
	22	1/2"	2 1/2"
Lag Screws.....	10	1/2"x3"	

## S-3242 OIL STORAGE SHED

<b>LUMBER</b>			
Skids.....	2	2x8	4'-0"
Drum Supports.....	1	2x8	5'-0"
	1	2x6	5'-0"
Blocking.....	2	2x6	4'-0"
Studs.....	2	2x3	3'-6"
	2	2x3	2'-0"
Rafters.....	3	2x3	5'-0"
Plates.....	2	2x3	5'-0"
Roof Boards-CM.....	12	1x6	6'-0"
Tie.....	1	2x4	5'-0"

Item	Pcs.	Size	Length
<b>S-3242 (Continued)</b>			
Siding-Ext. Plwd.....	2	3/8"	48"x42"
	1	3/8"	60"x30"
<b>HARDWARE</b>			
Nails.....	5#	10d Common	
	3#	8d Common	
Hinges.....	1 pr.	5" Tee	

## S-3243 PONY SIZE SAW HORSE

<b>LUMBER</b>			
Back.....	1	4x4	16 1/2"
Legs.....	4	2x4	14"
Ends.....	2	1x6	8"
Braces.....	2	1x4	8"
<b>HARDWARE</b>			
Bolts.....	2	1/2"x7 1/2"	

## S-3244 ICE FISHING SHELTER

<b>LUMBER</b>			
Verticals.....	14	2x2	6'-0"
Horizontals.....	4	2x2	5'-9"
	4	2x2	4'-0"
Door Frame.....	2	2x2	5'-1 3/8"
	2	2x2	1'-8 3/4"
Roof Frame.....	2	1x2	5'-9"
	4	1x2	3'-6 1/2"
Nailing Strips.....	12	1x2	1'-7 1/4"
	4	1x2	2'-0"
	2	1x2	1'-8 3/4"
	14	1x2	1'-9 1/2"
Exterior Plywood.....	2	1/4"x4'	6'-0"
Wood Lath.....	1 bdl.		
<b>MISCELLANEOUS</b>			
Bolts.....	30	1/4"x4 1/2"	
Hinges.....	1 pr.	3" Butt	
Nails.....	1#	8d Com.	
	10#	4d Galv.	
Kraft Building Paper.....	136	sq. ft.	
Transparent Sheets.....	2	12"x24"	

## S-3245 DOG KENNEL

<b>LUMBER</b>			
Plywood (Sides, Ends, Baffle).....	1	4'x7'	1/2" Ext. Grade
(Floor).....	1	2'-10"x3'-8"	3/4" Ext. Grade
Nuwood.....	1	1/2"x4'x8'	
Studs.....	8	2x3	2'-6"
Skids.....	2	2x4	4'-0"
Nailer Strip.....	1	1x2	2'-0"
Gables.....	1	1x10	8'-0"
Hinge Strip.....	2	1x6	4'-0"
Ridge Board.....	1	1x4	4'-0"
Roof Boards CM.....	12	1x6	6'-0"
<b>HARDWARE</b>			
Hinges.....	4	4" Strap	
Nails.....	10#	7d Coated Box	
Waterproof Mastic.....	1/2 pt.		

## S-3246 16' LADDER

<b>LUMBER</b>			
Rails.....	2	2x4	16'-0"
Rungs.....	15	1x3	1'-8"



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# **4-SQUARE**

## **LUMBER AND PLYWOOD**

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# **4-SQUARE**

## **LUMBER AND PLYWOOD**